

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN		5. LEASE DESIGNATION AND SERIAL NO. ML-22060	
1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
1b. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME Gilsonite	
2. NAME OF OPERATOR Newfield Production Company		8. FARM OR LEASE NAME Gilsonite	
3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721		9. WELL NO. Gilsonite State #L-32-8-17	
4. LOCATION OF WELL (FOOTAGE) At Surface SE/NE 1934' FNL 753' FEL At proposed Producing Zone SE/NE 2643' FNL 1322' FEL		10. FIELD AND POOL OR WILDCAT Monument Butte	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 11.8 miles southeast of Myton, UT		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/NE Sec. 32, T8S, R17E	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) Approx. 1322' f/lse line and 1322' f/unit line	16. NO. OF ACRES IN LEASE 598.67	17. NO. OF ACRES ASSIGNED TO THIS WELL 20	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approximately 1304' (Down Hole)	19. PROPOSED DEPTH 6360 MD 6250' TVD	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5165' GL		22. APPROX. DATE WORK WILL START* 1st Quarter 2008	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	280' 400'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD 6360'	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl₂ & 1/4#/sk Cello-flake
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H₂O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H₂O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 gal/sk

24. Name & Signature Mandie Crozier Title: Regulatory Specialist Date: 11/26/2007

(This space for State use only)

API Number Assigned: 43-013-33864 APPROVAL: _____

Approved by the
Utah Division of
Oil, Gas and Mining

Surf

583317X

4436489

40076443

-110,022811

Date: 01-24-08
By: [Signature]

BHL

583145X

44362714

40074442

-110,024919

*See Instructions On Reverse Side

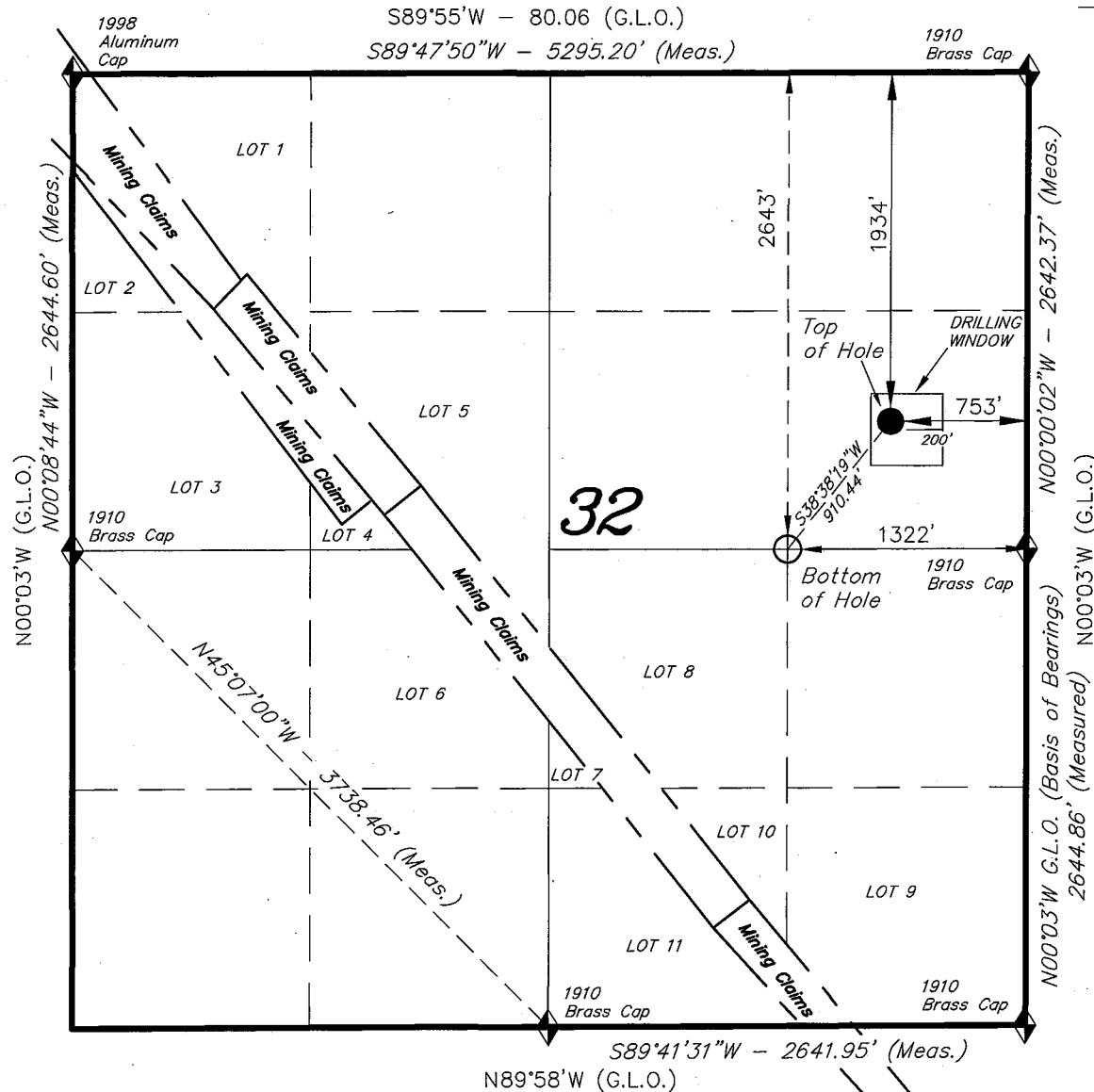
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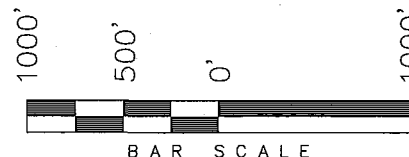
DIV. OF OIL, GAS & MINING

T8S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



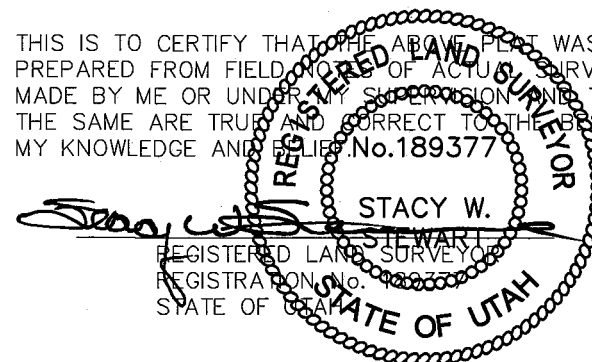
WELL LOCATION, GILSONITE L-32-8-17,
LOCATED AS SHOWN IN THE SE 1/4 NE
1/4 OF SECTION 32, T8S, R17E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



WELL LOCATION:
GILSONITE L-32-8-17

ELEV. EXIST. GRADED GROUND = 5165'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

GILSONITE L-32-8-17
(Surface Location) NAD 83
LATITUDE = 40° 04' 34.93"
LONGITUDE = 110° 01' 25.13"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 09-07-07	SURVEYED BY: R.R.
DATE DRAWN: 10-24-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
GILSONITE STATE #L-32-8-17
SE/NE SECTION 32, T8S, R17E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 – 1700'
Green River	1700'
Wasatch	6250'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1700' – 6250' – Oil

4. PROPOSED CASING PROGRAM:

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at ^{400'}~~200'~~ (New)
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to Exhibit C for a diagram of BOP equipment that will be used on this well.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The well will be drilled with a fresh water/polymer system will be utilized. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

MUD PROGRAM

Surface – 3200'
3200' – TD'

MUD TYPE

fresh water
fresh water system

From about surface to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ ^{400'}~~350'~~ +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H2S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2006, and take approximately seven (7) days from spud to rig release.

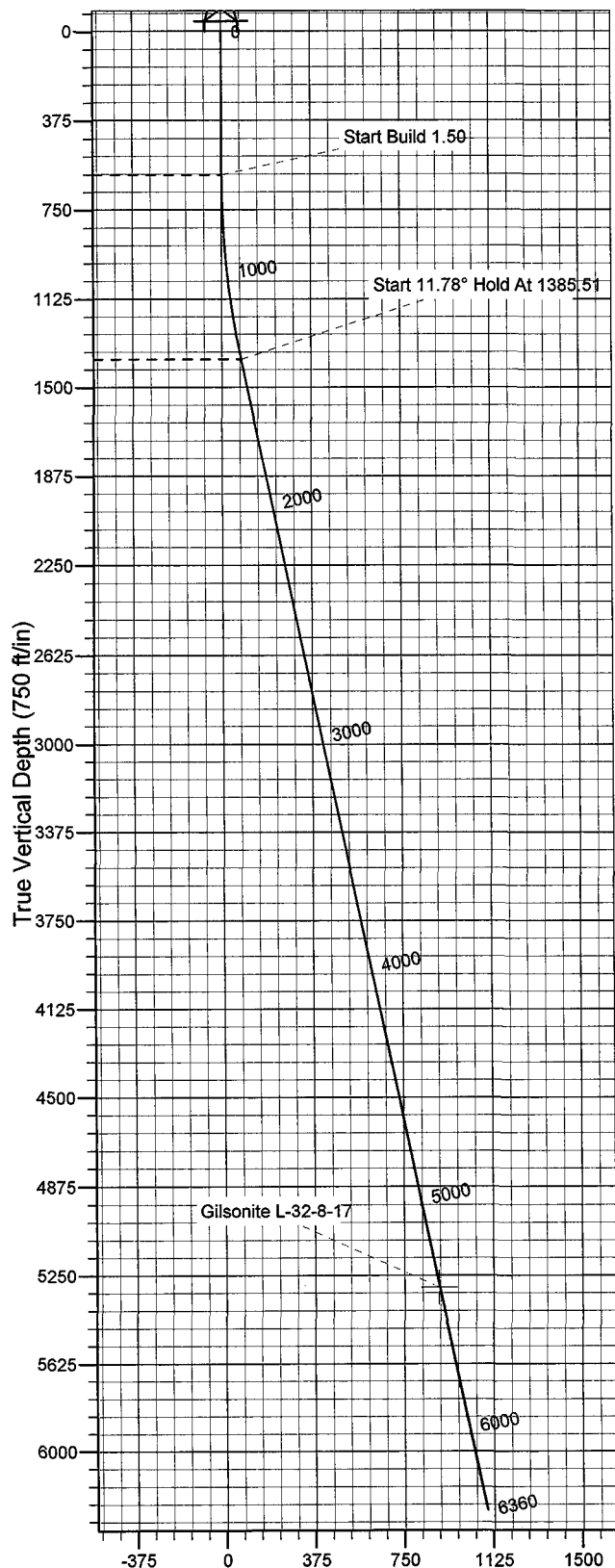
WELL DETAILS: Gilsonite L-32-8-17

GL 5165 & RKB 12' @ 5177.00ft (NDSI 2) 5165.00
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 7199965.32 2053522.16 40° 4' 34.930 N 110° 1' 25.130 W

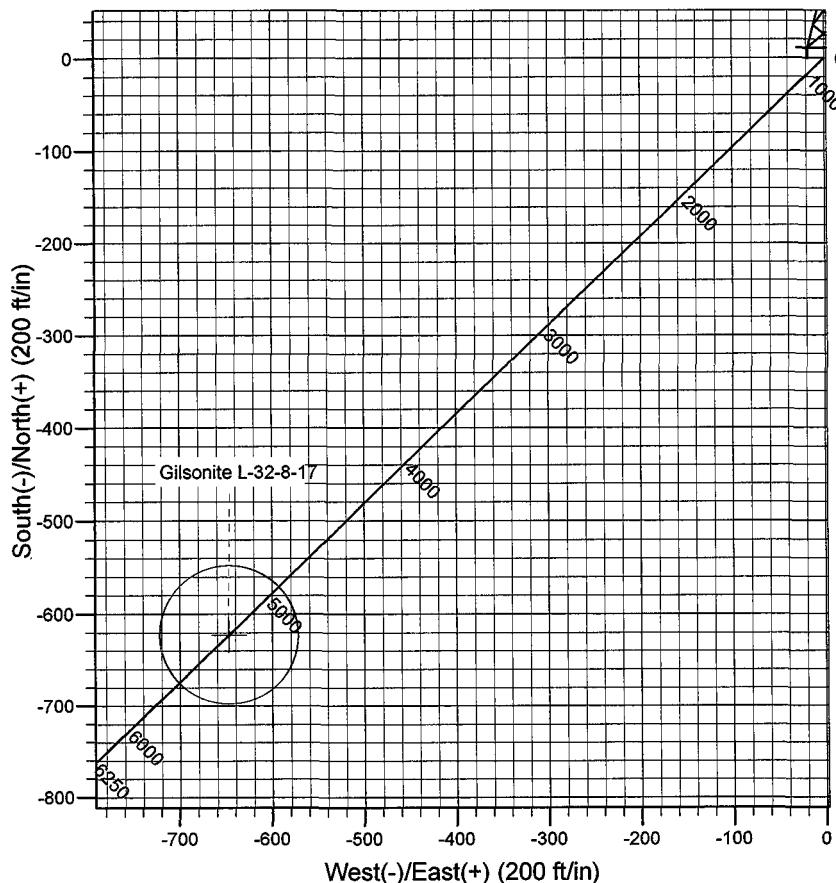


Azimuths to True North
Magnetic North: 11.74°

Magnetic Field
Strength: 52669.4snT
Dip Angle: 65.92°
Date: 2007-11-27
Model: IGRF2005-10



Vertical Section at 226.08° (750 ft/in)



FORMATION TOP DETAILS

Plan: Plan #1 (Gilsonite L-32-8-17/OH)

Created By: Rex Hall Date: 2007-11-27

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1385.51	11.78	226.08	1379.99	-55.83	-57.98	1.50	226.08	80.48	
4	5389.90	11.78	226.08	5300.00	-623.00	-647.00	0.00	0.00	898.18	Gilsonite L-32-8-17
5	6360.35	11.78	226.08	6250.00	-760.45	-789.75	0.00	0.00	1096.35	

Newfield Exploration Co.

Duchesne County, UT

Gilsonite L-32-8-17

Gilsonite L-32-8-17

OH

Plan: Plan #1

Standard Planning Report

27 November, 2007

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Gilsonite L-32-8-17
Well: Gilsonite L-32-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Gilsonite L-32-8-17
TVD Reference: GL 5165 & RKB 12' @ 5177.00ft (NDSI 2)
MD Reference: GL 5165 & RKB 12' @ 5177.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UT
Map System:	US State Plane 1983
Geo Datum:	North American Datum 1983
Map Zone:	Utah Central Zone
System Datum:	Mean Sea Level

Site	Gilsonite L-32-8-17, Sec 32 T8S R17E				
Site Position:		Northing:	7,199,965.33 ft	Latitude:	40° 4' 34.930 N
From:	Lat/Long	Easting:	2,053,522.16 ft	Longitude:	110° 1' 25.130 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.95 °

Well	Gilsonite L-32-8-17, 1934' FNL & 753' FEL					
Well Position	+N/-S	0.00 ft	Northing:	7,199,965.32 ft	Latitude:	40° 4' 34.930 N
	+E/-W	0.00 ft	Easting:	2,053,522.16 ft	Longitude:	110° 1' 25.130 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,165.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2007-11-27	11.75	65.92	52,669

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	226.08

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,385.51	11.78	226.08	1,379.99	-55.83	-57.98	1.50	1.50	0.00	226.08	
5,389.90	11.78	226.08	5,300.00	-623.00	-647.00	0.00	0.00	0.00	0.00	Gilsonite L-32-8-17
6,360.35	11.78	226.08	6,250.00	-760.45	-789.75	0.00	0.00	0.00	0.00	

Scientific Drilling

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Well: Gilsonite L-32-8-17
Wellbore: OH
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MD Reference: GL 5165 & RKB 12' @ 5177.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 1.50									
700.00	1.50	226.08	699.99	-0.91	-0.94	1.31	1.50	1.50	0.00
800.00	3.00	226.08	799.91	-3.63	-3.77	5.23	1.50	1.50	0.00
900.00	4.50	226.08	899.69	-8.17	-8.48	11.77	1.50	1.50	0.00
1,000.00	6.00	226.08	999.27	-14.51	-15.07	20.92	1.50	1.50	0.00
1,100.00	7.50	226.08	1,098.57	-22.67	-23.54	32.68	1.50	1.50	0.00
1,200.00	9.00	226.08	1,197.54	-32.62	-33.88	47.03	1.50	1.50	0.00
1,300.00	10.50	226.08	1,296.09	-44.36	-46.07	63.96	1.50	1.50	0.00
1,385.51	11.78	226.08	1,379.99	-55.83	-57.98	80.48	1.50	1.50	0.00
Start 11.78° Hold At 1385.51									
1,400.00	11.78	226.08	1,394.17	-57.88	-60.11	83.44	0.00	0.00	0.00
1,500.00	11.78	226.08	1,492.06	-72.04	-74.82	103.86	0.00	0.00	0.00
1,600.00	11.78	226.08	1,589.96	-86.21	-89.53	124.28	0.00	0.00	0.00
1,700.00	11.78	226.08	1,687.85	-100.37	-104.24	144.70	0.00	0.00	0.00
1,800.00	11.78	226.08	1,785.74	-114.53	-118.95	165.12	0.00	0.00	0.00
1,900.00	11.78	226.08	1,883.63	-128.70	-133.65	185.54	0.00	0.00	0.00
2,000.00	11.78	226.08	1,981.53	-142.86	-148.36	205.96	0.00	0.00	0.00
2,100.00	11.78	226.08	2,079.42	-157.02	-163.07	226.38	0.00	0.00	0.00
2,200.00	11.78	226.08	2,177.31	-171.19	-177.78	246.80	0.00	0.00	0.00
2,300.00	11.78	226.08	2,275.21	-185.35	-192.49	267.22	0.00	0.00	0.00
2,400.00	11.78	226.08	2,373.10	-199.51	-207.20	287.64	0.00	0.00	0.00
2,500.00	11.78	226.08	2,470.99	-213.68	-221.91	308.06	0.00	0.00	0.00
2,600.00	11.78	226.08	2,568.88	-227.84	-236.62	328.48	0.00	0.00	0.00
2,700.00	11.78	226.08	2,666.78	-242.01	-251.33	348.90	0.00	0.00	0.00
2,800.00	11.78	226.08	2,764.67	-256.17	-266.04	369.32	0.00	0.00	0.00
2,900.00	11.78	226.08	2,862.56	-270.33	-280.75	389.74	0.00	0.00	0.00
3,000.00	11.78	226.08	2,960.46	-284.50	-295.46	410.16	0.00	0.00	0.00
3,100.00	11.78	226.08	3,058.35	-298.66	-310.17	430.58	0.00	0.00	0.00
3,200.00	11.78	226.08	3,156.24	-312.82	-324.88	451.00	0.00	0.00	0.00
3,300.00	11.78	226.08	3,254.14	-326.99	-339.59	471.42	0.00	0.00	0.00
3,400.00	11.78	226.08	3,352.03	-341.15	-354.30	491.84	0.00	0.00	0.00
3,500.00	11.78	226.08	3,449.92	-355.32	-369.01	512.26	0.00	0.00	0.00
3,600.00	11.78	226.08	3,547.81	-369.48	-383.72	532.68	0.00	0.00	0.00
3,700.00	11.78	226.08	3,645.71	-383.64	-398.42	553.10	0.00	0.00	0.00
3,800.00	11.78	226.08	3,743.60	-397.81	-413.13	573.52	0.00	0.00	0.00
3,900.00	11.78	226.08	3,841.49	-411.97	-427.84	593.94	0.00	0.00	0.00
4,000.00	11.78	226.08	3,939.39	-426.13	-442.55	614.36	0.00	0.00	0.00
4,100.00	11.78	226.08	4,037.28	-440.30	-457.26	634.78	0.00	0.00	0.00
4,200.00	11.78	226.08	4,135.17	-454.46	-471.97	655.20	0.00	0.00	0.00
4,300.00	11.78	226.08	4,233.06	-468.63	-486.68	675.62	0.00	0.00	0.00
4,400.00	11.78	226.08	4,330.96	-482.79	-501.39	696.04	0.00	0.00	0.00
4,500.00	11.78	226.08	4,428.85	-496.95	-516.10	716.46	0.00	0.00	0.00
4,600.00	11.78	226.08	4,526.74	-511.12	-530.81	736.88	0.00	0.00	0.00
4,700.00	11.78	226.08	4,624.64	-525.28	-545.52	757.30	0.00	0.00	0.00
4,800.00	11.78	226.08	4,722.53	-539.44	-560.23	777.72	0.00	0.00	0.00
4,900.00	11.78	226.08	4,820.42	-553.61	-574.94	798.14	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Gilsonite L-32-8-17
Well: Gilsonite L-32-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Gilsonite L-32-8-17
TVD Reference: GL 5165 & RKB 12' @ 5177.00ft (NDSI 2)
MD Reference: GL 5165 & RKB 12' @ 5177.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.00	11.78	226.08	4,918.31	-567.77	-589.65	818.57	0.00	0.00	0.00
5,100.00	11.78	226.08	5,016.21	-581.94	-604.36	838.99	0.00	0.00	0.00
5,200.00	11.78	226.08	5,114.10	-596.10	-619.07	859.41	0.00	0.00	0.00
5,300.00	11.78	226.08	5,211.99	-610.26	-633.78	879.83	0.00	0.00	0.00
5,389.90	11.78	226.08	5,300.00	-623.00	-647.00	898.18	0.00	0.00	0.00
Gilsonite L-32-8-17									
5,400.00	11.78	226.08	5,309.89	-624.43	-648.49	900.25	0.00	0.00	0.00
5,500.00	11.78	226.08	5,407.78	-638.59	-663.19	920.67	0.00	0.00	0.00
5,600.00	11.78	226.08	5,505.67	-652.75	-677.90	941.09	0.00	0.00	0.00
5,700.00	11.78	226.08	5,603.56	-666.92	-692.61	961.51	0.00	0.00	0.00
5,800.00	11.78	226.08	5,701.46	-681.08	-707.32	981.93	0.00	0.00	0.00
5,900.00	11.78	226.08	5,799.35	-695.24	-722.03	1,002.35	0.00	0.00	0.00
6,000.00	11.78	226.08	5,897.24	-709.41	-736.74	1,022.77	0.00	0.00	0.00
6,100.00	11.78	226.08	5,995.14	-723.57	-751.45	1,043.19	0.00	0.00	0.00
6,200.00	11.78	226.08	6,093.03	-737.74	-766.16	1,063.61	0.00	0.00	0.00
6,300.00	11.78	226.08	6,190.92	-751.90	-780.87	1,084.03	0.00	0.00	0.00
6,360.35	11.78	226.08	6,250.00	-760.45	-789.75	1,096.35	0.00	0.00	0.00

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Gilsonite L-32-8-17 - plan hits target - Circle (radius 75.00)	0.00	0.00	5,300.00	-623.00	-647.00	7,199,331.73	2,052,885.53	40° 4' 28.773 N	110° 1' 33.454 W

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
600.00	600.00	0.00	0.00	Start Build 1.50
1,385.51	1,379.99	-55.83	-57.98	Start 11.78° Hold At 1385.51

NEWFIELD PRODUCTION COMPANY
GILSONITE STATE #L-32-8-17
SE/NE SECTION 32, T8S, R17E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Gilsonite State L-32-8-17 located in the SE ¼ NE ¼ Section 32, T8S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 10.1 miles \pm to it's junction with the beginning of the access road to the existing 8-32-8-17 well location; proceed along the access road - 0.3 miles \pm to the proposed L-32-8-17 well.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled off of the existing 8-32-8-17 well pad. See attached **Topographic Map "B"**.

There will be no new gates or cattle guards required.

3. LOCATION OF EXISTING WELLS

Refer to **EXHIBIT B**.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the existing 8-32-8-17 well pad. There will be a pumping unit and a short flow line added to the existing tank battery for the proposed L-32-8-17.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A**.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Gilsonite State L-32-8-17 will be drilled off of the existing 8-32-8-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Gilsonite State L-32-8-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Gilsonite State L-32-8-17 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

Representative

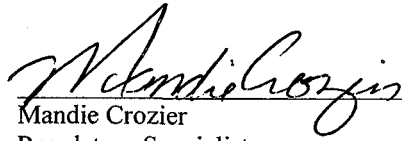
Name: Dave Allred
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #L-32-8-17, SE/NE Section 32, T8S, R17E, LEASE #ML-22060, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

11/26/07
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

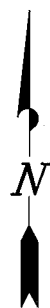
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

GILSONITE L-32-8-17 (Proposed Well)

GILSONITE 8-32-8-17 (Existing Well)

Pad Location: SENE Section 32, T8S, R17E, S.L.B.&M.

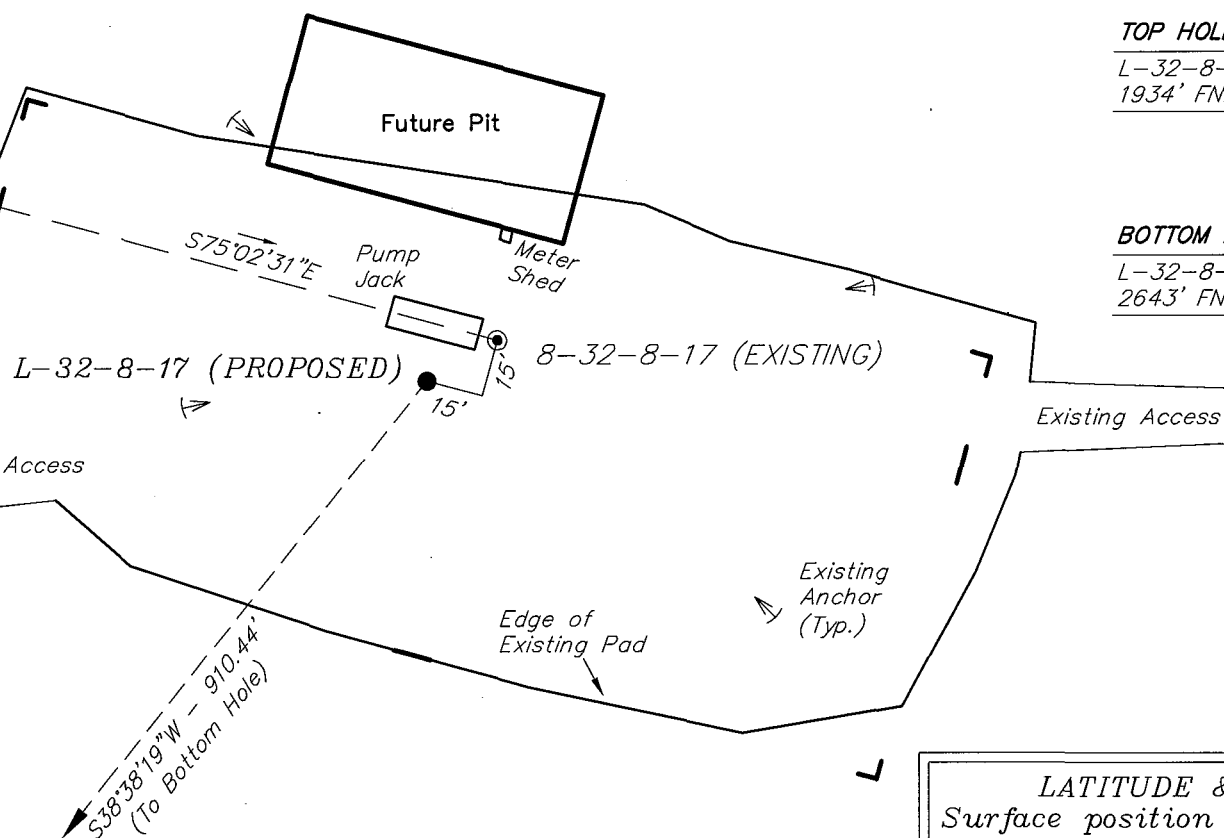


TOP HOLE FOOTAGES

L-32-8-17 (PROPOSED)
1934' FNL & 753' FEL

BOTTOM HOLE FOOTAGES

L-32-8-17 (PROPOSED)
2643' FNL & 1322' FEL



Note:

Bearings are based on
GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
L-32-8-17	-711'	-568'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
L-32-8-17	40° 04' 34.93"	110° 01' 25.13"
8-32-8-17	40° 04' 35.04"	110° 01' 24.89"

SURVEYED BY: R.R.	DATE SURVEYED: 09-07-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-24-07
SCALE: 1" = 50'	REVISED:

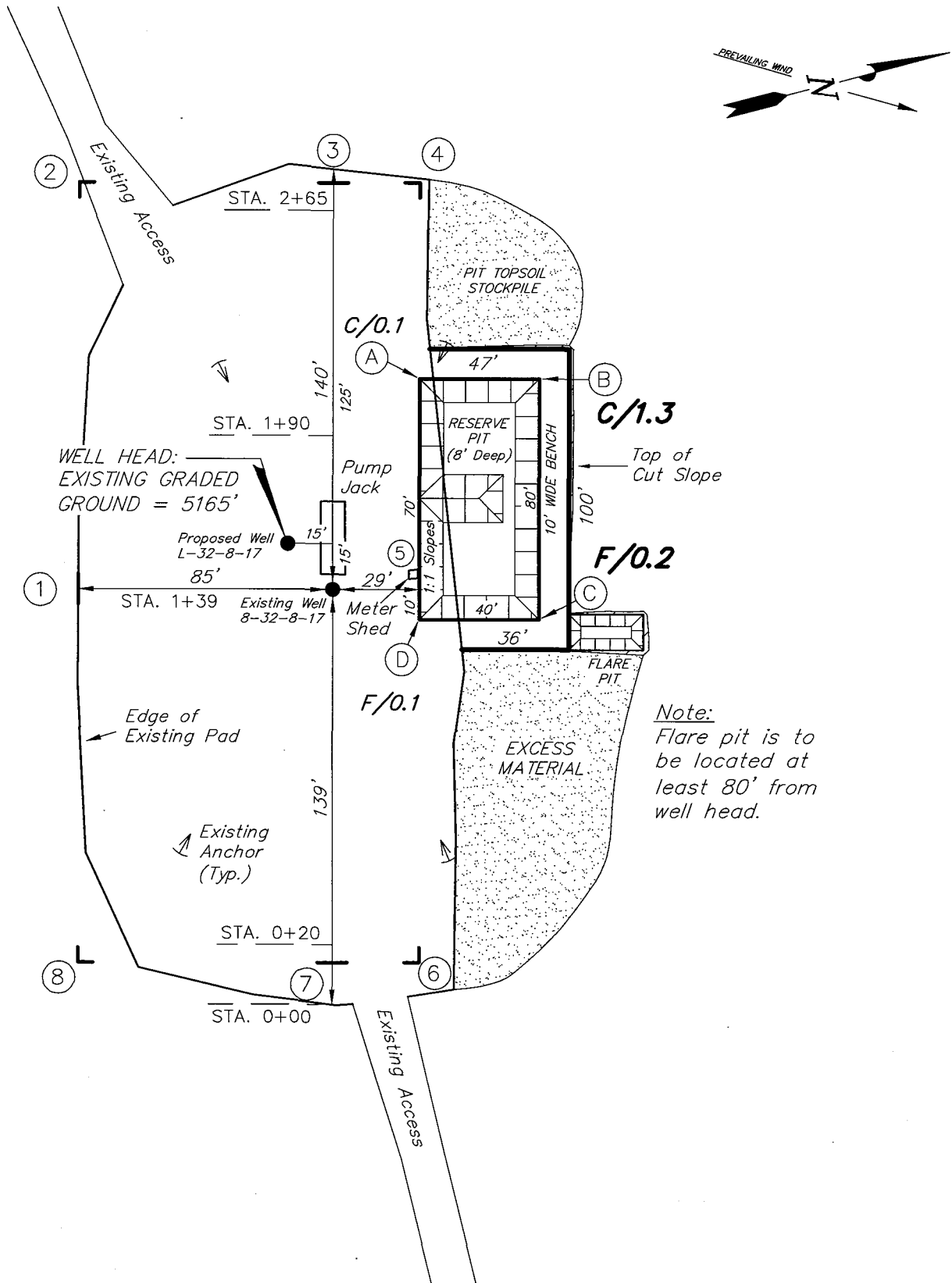
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

GILSONITE L-32-8-17 (Proposed Well)

GILSONITE 8-32-8-17 (Existing Well)

Pad Location: SENE Section 32, T8S, R17E, S.L.B.&M.



SURVEYED BY: R.R.	DATE SURVEYED: 09-07-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-24-07
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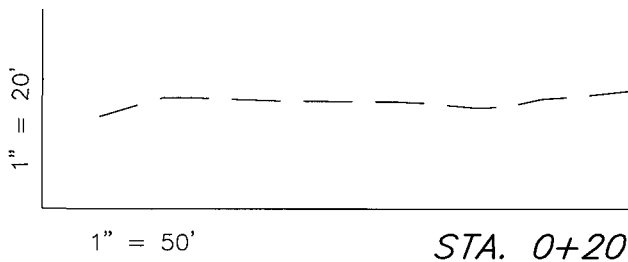
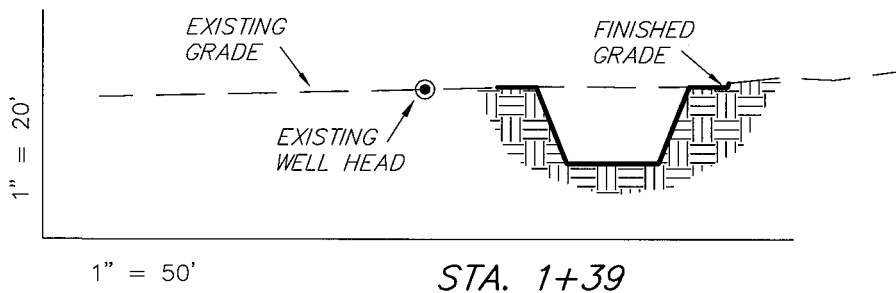
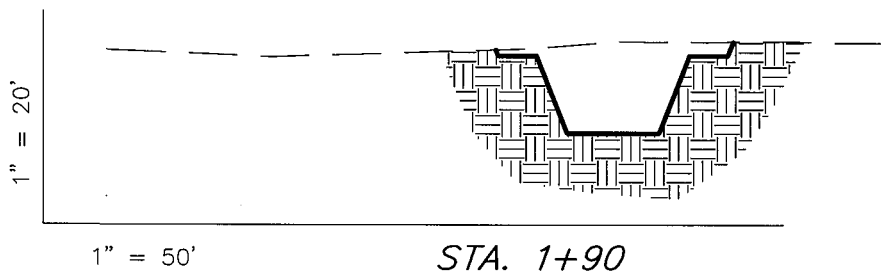
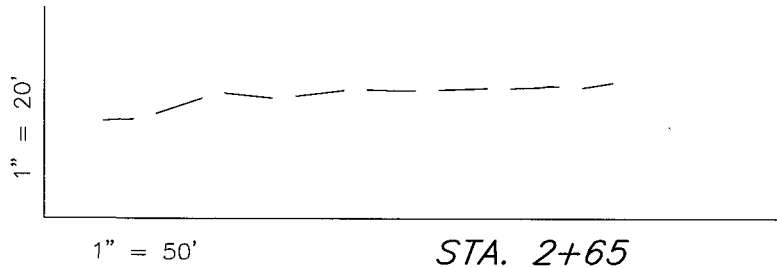
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NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GILSONITE L-32-8-17 (Proposed Well)

GILSONITE 8-32-8-17 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	170	0	Topsoil is not included in Pad Cut	170
PIT	640	0		640
TOTALS	810	0	120	810

SURVEYED BY: R.R.	DATE SURVEYED: 09-07-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-24-07
SCALE: 1" = 50'	REVISED:

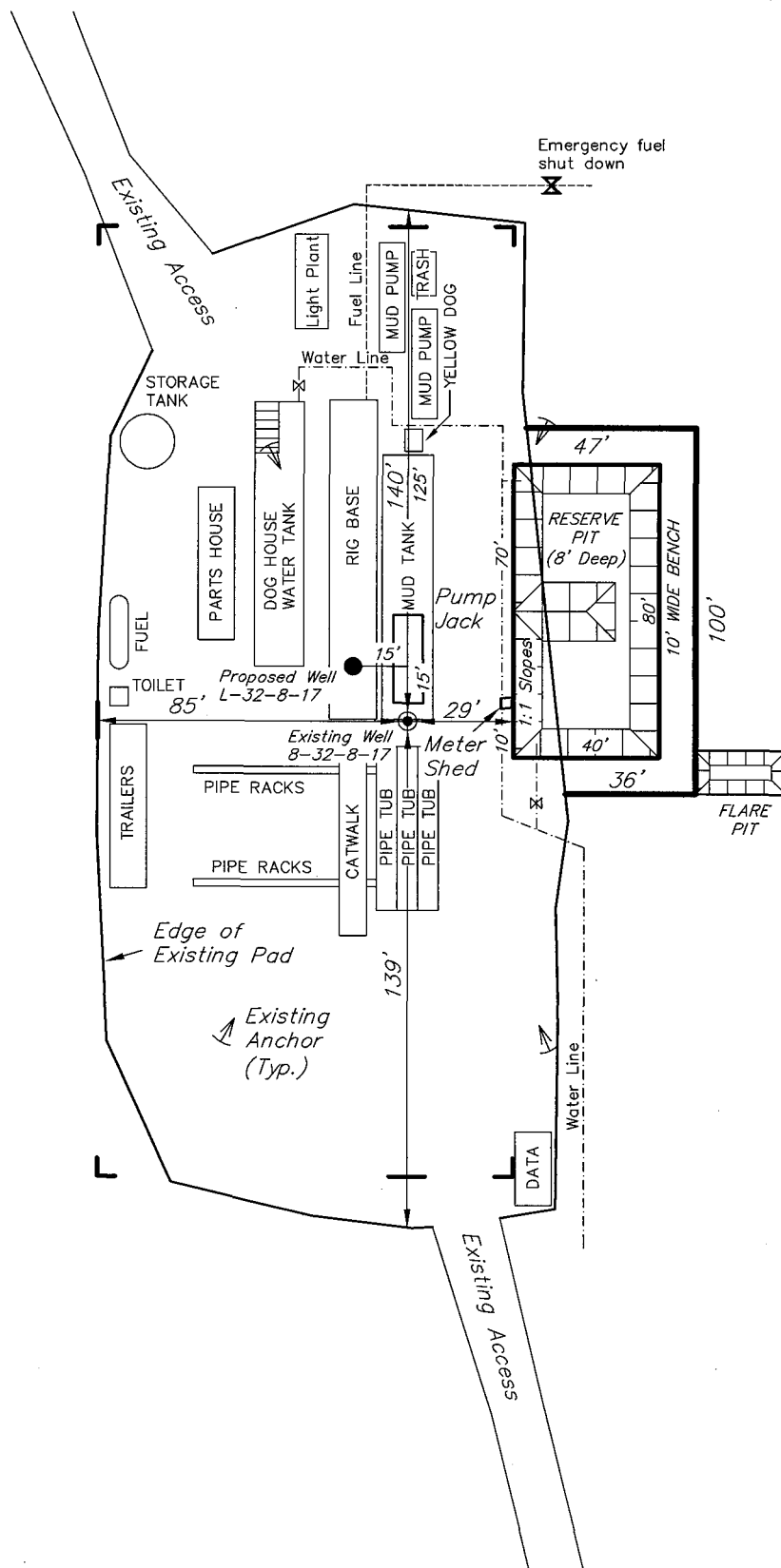
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(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

GILSONITE L-32-8-17 (Proposed Well)

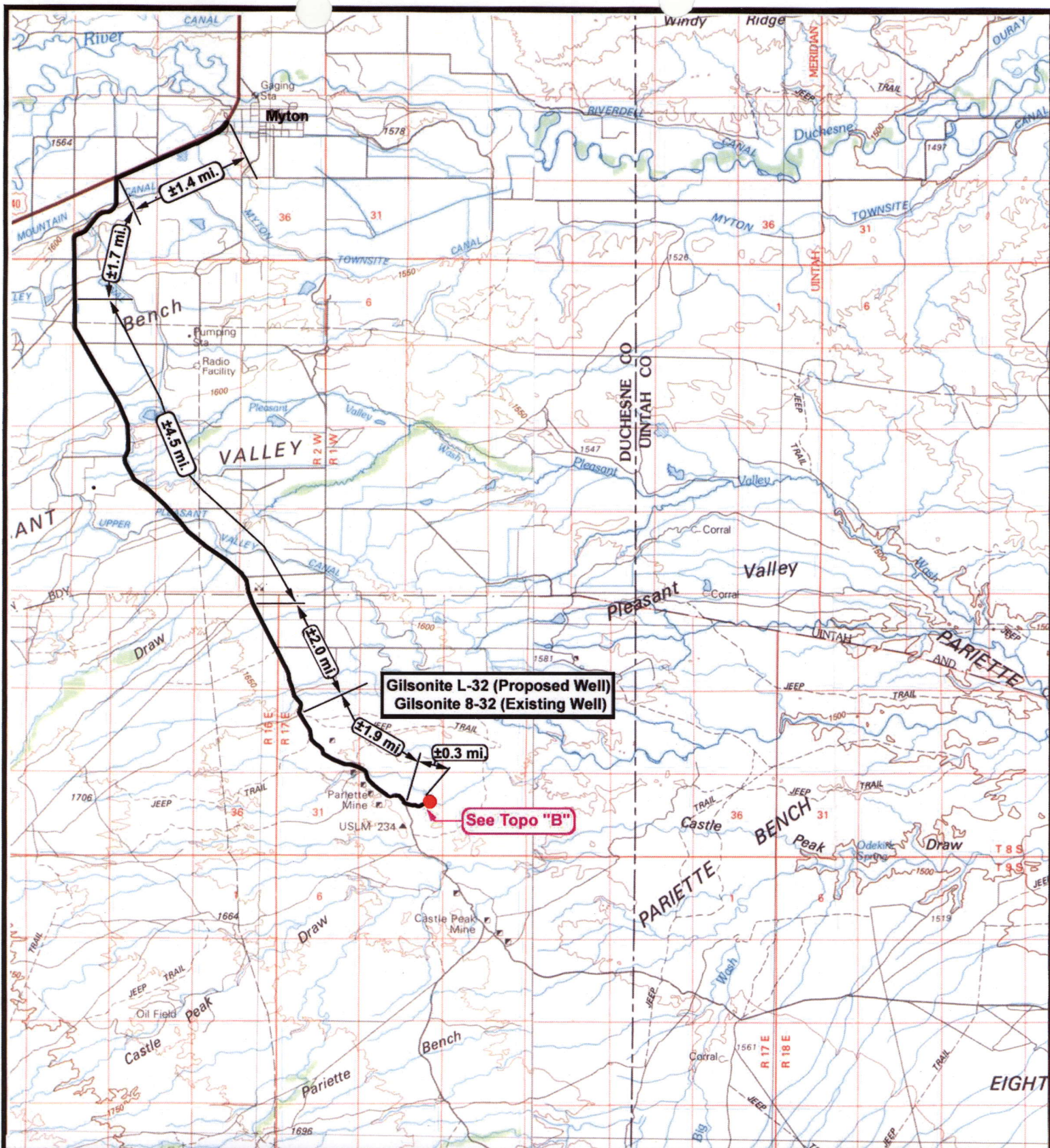
GILSONITE 8-32-8-17 (Existing Well)



Note:
Flare pit is to
be located at
least 80' from
well head.

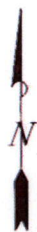
SURVEYED BY: R.R.	DATE SURVEYED: 09-07-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-24-07
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501



NEWFIELD
Exploration Company

Gilsonite L-32-8-17 (Proposed Well)
Gilsonite 8-32-8-17 (Existing Well)
Pad Location SENE Sec 32, T8S, R17E, S.L.B.&M.



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(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

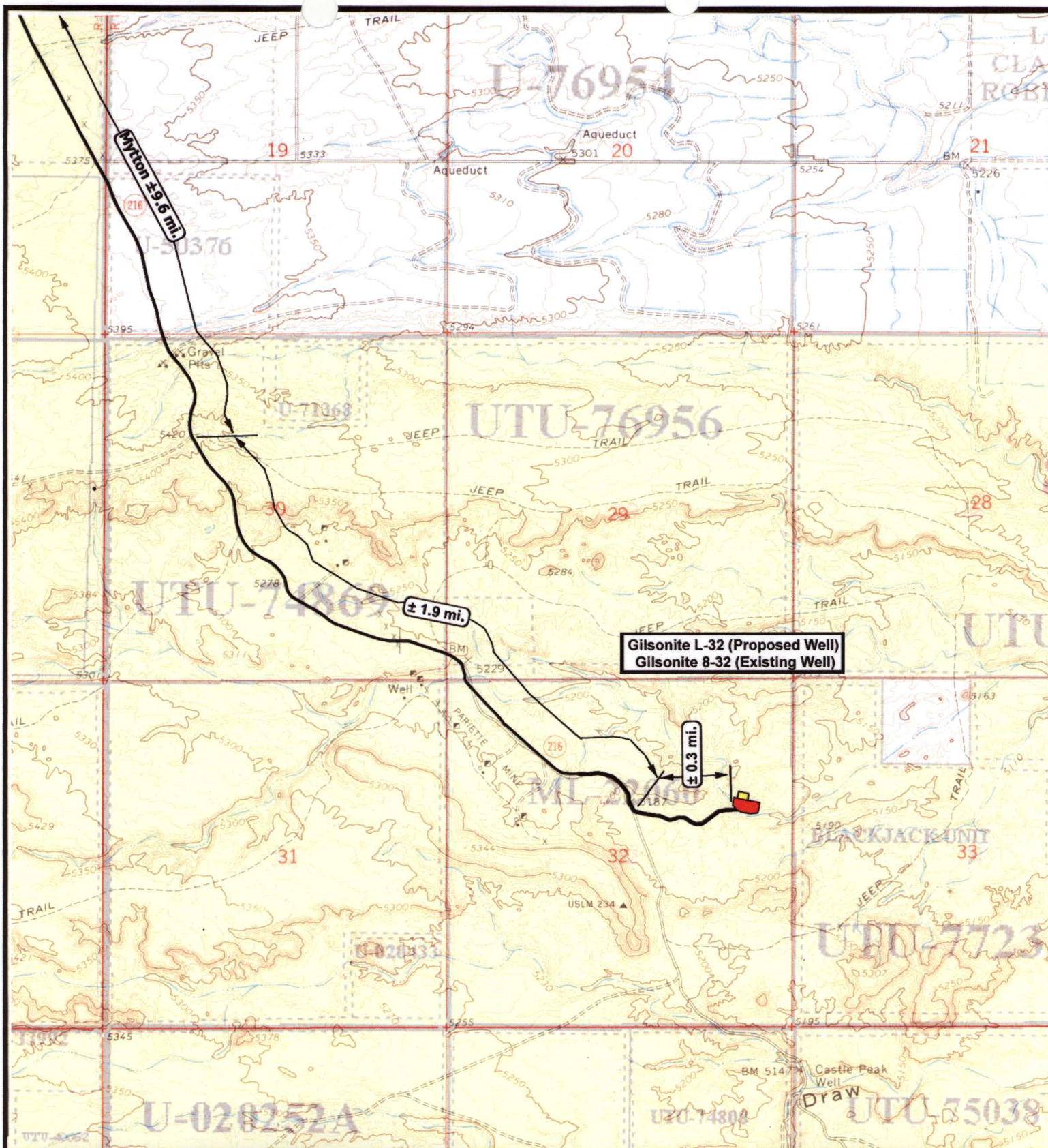
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DATE: 11-02-2007

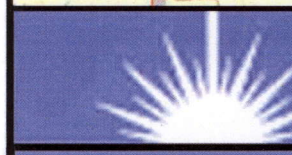
Legend

Existing Road

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Gilsonite L-32-8-17 (Proposed Well)
Gilsonite 8-32-8-17 (Existing Well)
 Pad Location SENE Sec. 32, T8S, R17E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

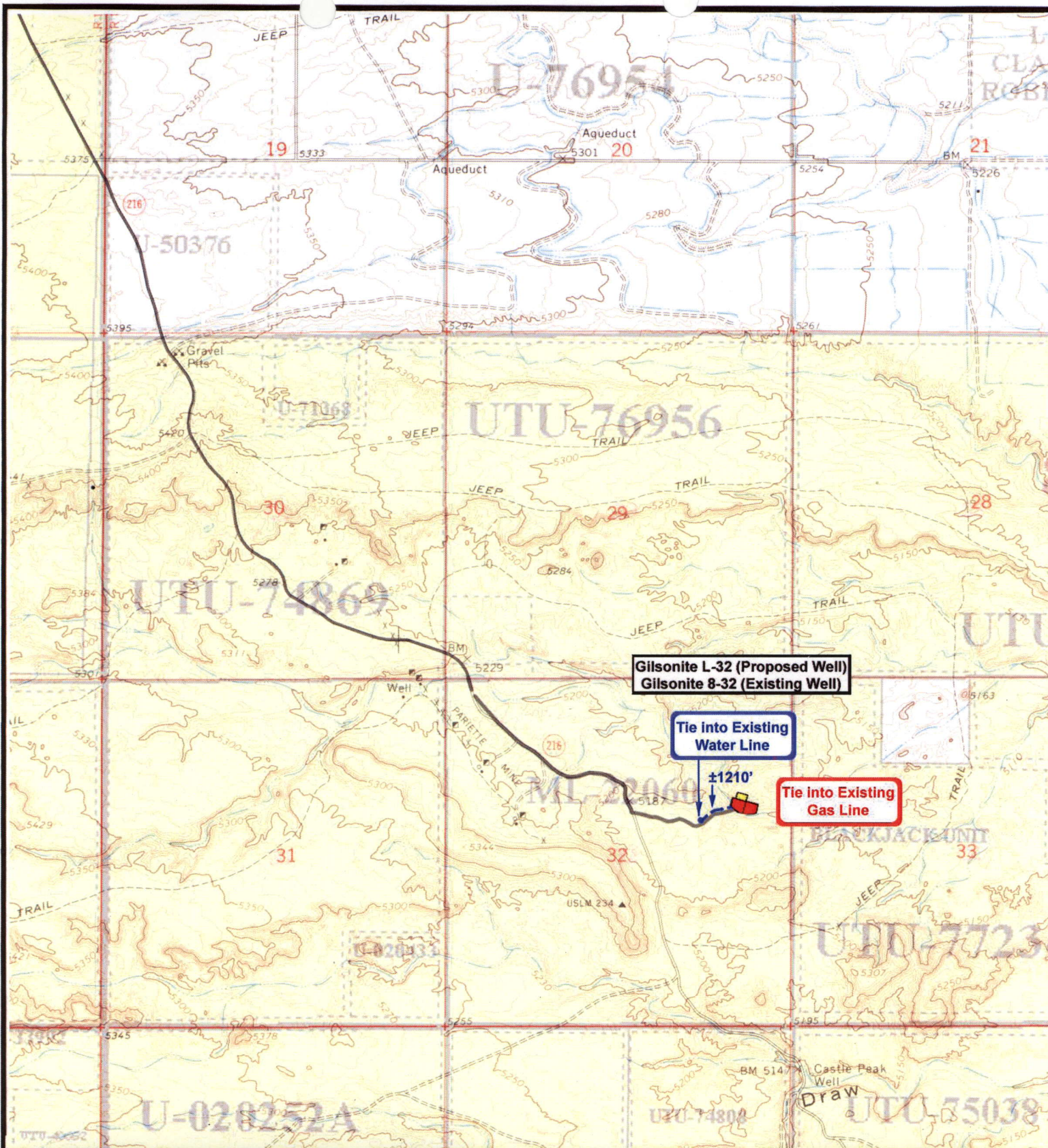
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 DRAWN BY: nc
 DATE: 11-02-2007


Legend

Existing Road

TOPOGRAPHIC MAP

"B"





NEWFIELD
Exploration Company

Gilsonite L-32-8-17 (Proposed Well)
Gilsonite 8-32-8-17 (Existing Well)
 Pad Location SENE Sec. 32, T8S, R17E, S.L.B.&M.





Tri-State
Land Surveying Inc.
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 180 North Vernal Ave. Vernal, Utah 84078

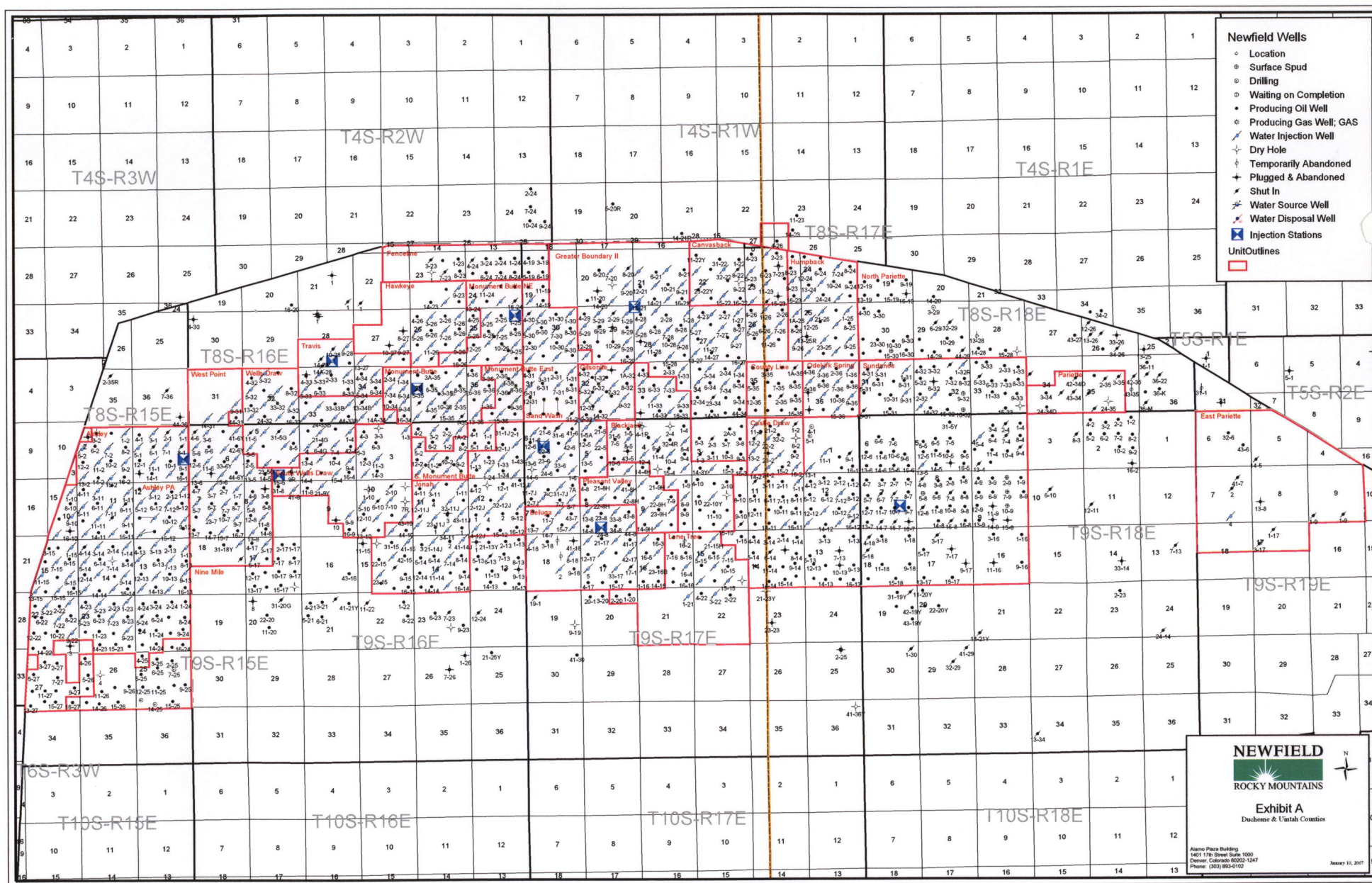
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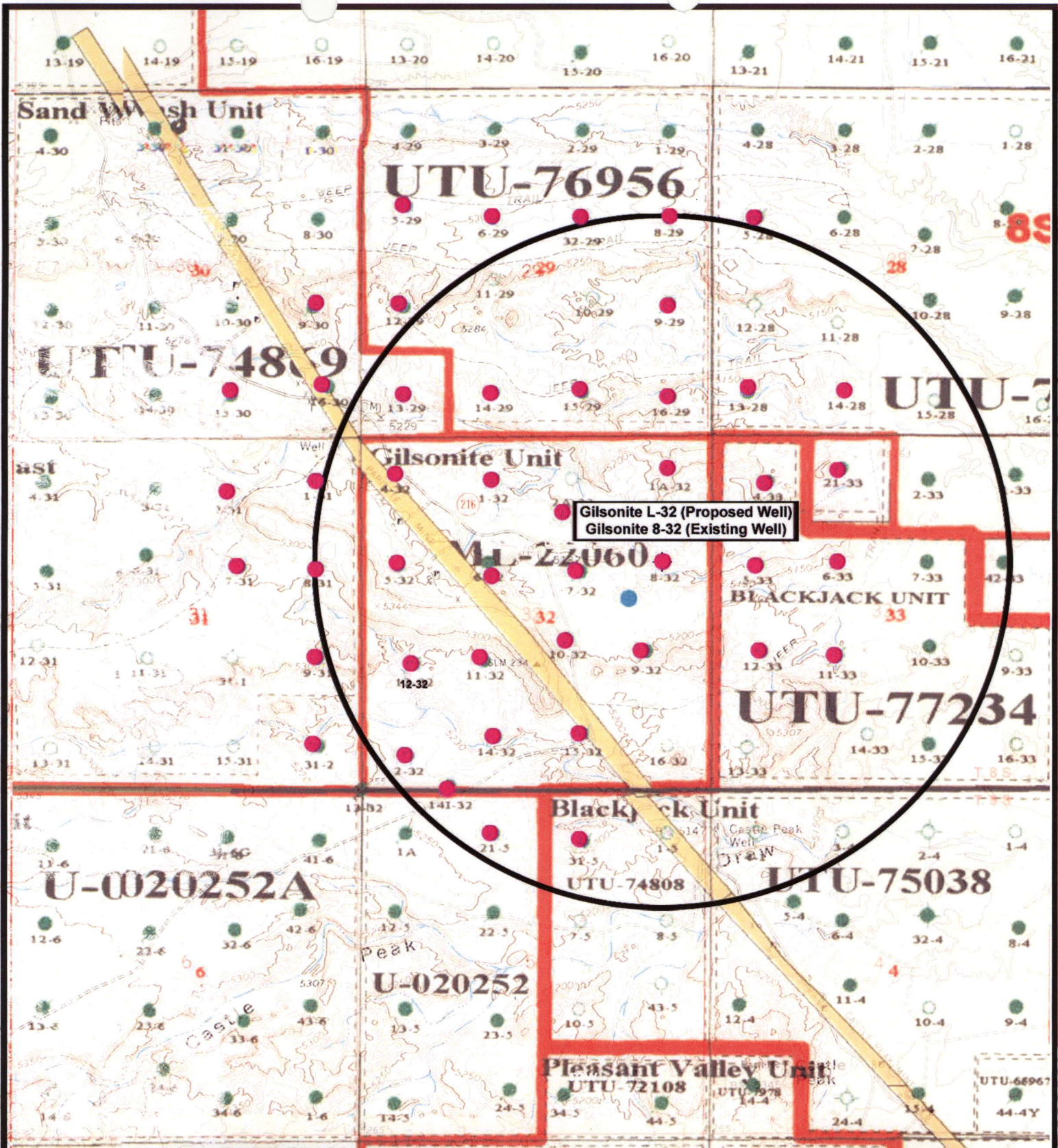
Legend

— Roads
 --- Proposed Waterline


TOPOGRAPHIC MAP

"C"





Gilsonite L-32 (Proposed Well)
 Gilsonite 8-32 (Existing Well)



NEWFIELD
Exploration Company

Gilsonite L-32-8-17 (Proposed Well)
Gilsonite 8-32-8-17 (Existing Well)
 Pad Location SENE Sec. 32, T8S, R17E, S.L.B.&M.





Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: nc
 DATE: 11-02-2007

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

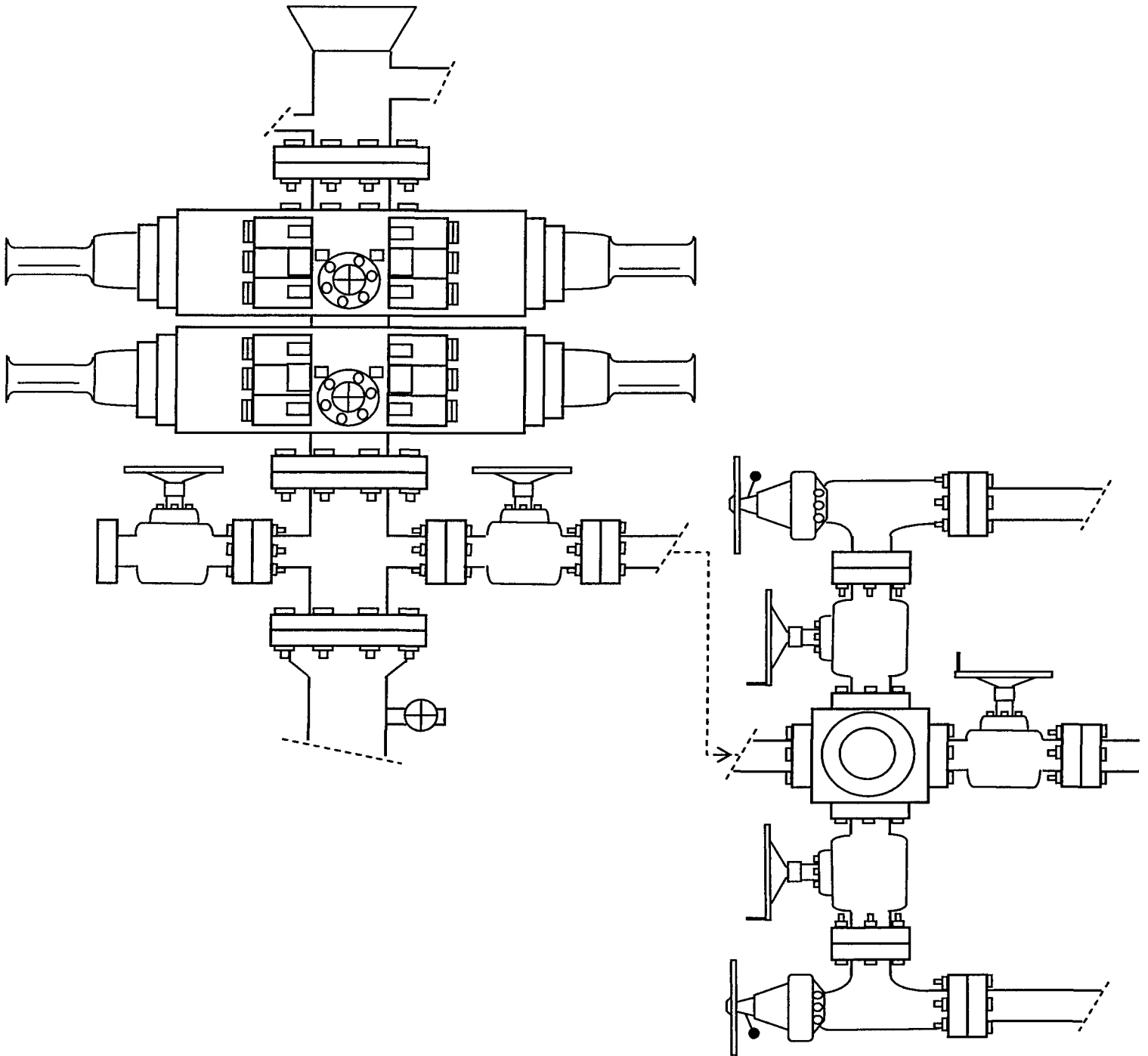


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/06/2007

API NO. ASSIGNED: 43-013-33864

WELL NAME: GILSONITE ST L-32-8-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SENE 32 080S 170E

SURFACE: 1934 FNL 0753 FEL

BOTTOM: 2643 FNL 1322 FEL

COUNTY: DUCHESNE

LATITUDE: 40.07644 LONGITUDE: -110.0229

UTM SURF EASTINGS: 583317 NORTHINGS: 4436489

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

DRD

1/24/08

Geology

Surface

LEASE TYPE: 3 - State

LEASE NUMBER: ML-22060

SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

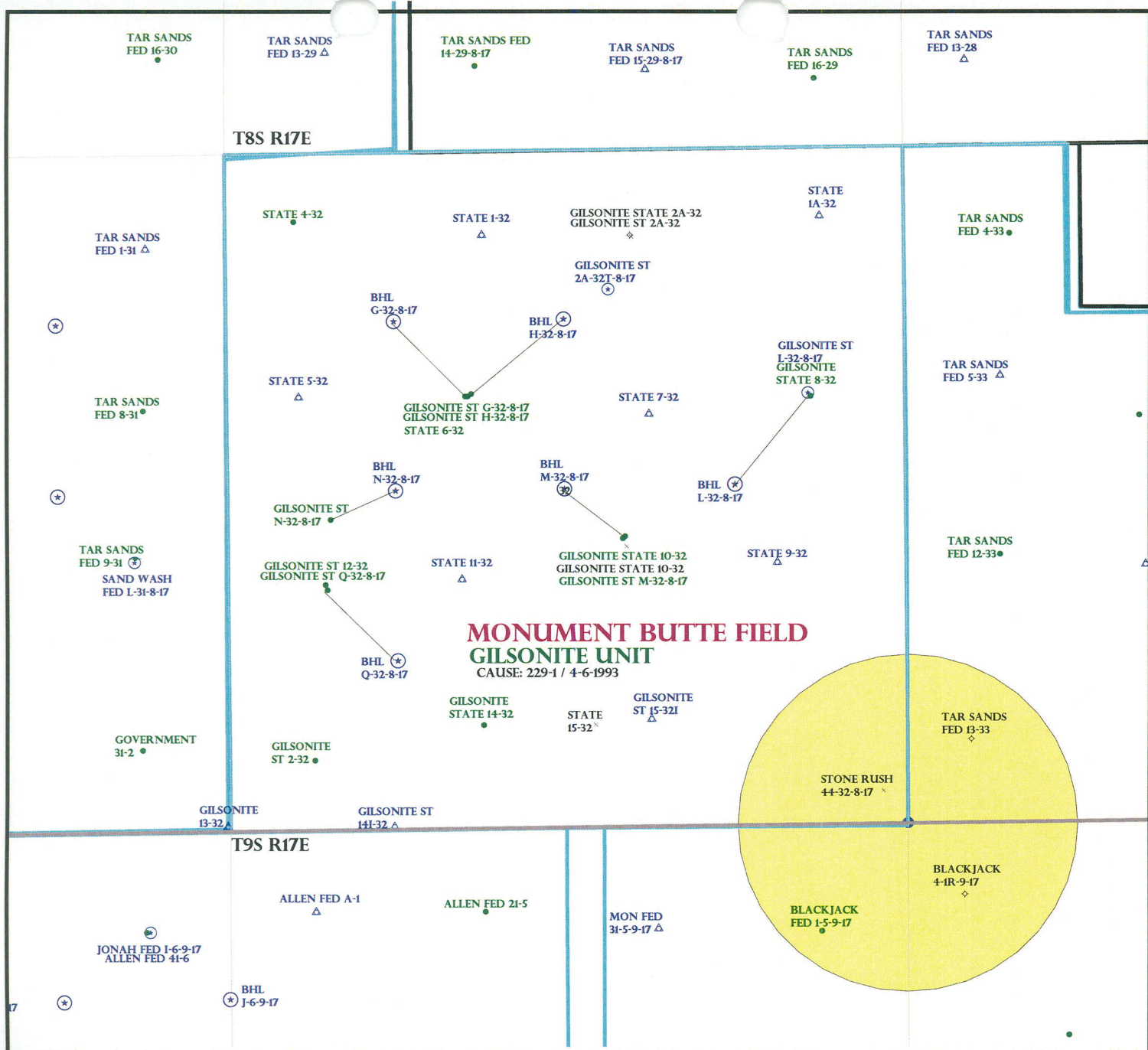
____ R649-2-3.
Unit: GILSONITE
____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 229-1A
Eff Date: 10-25-2006
Siting: Surface Siting
☒ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (01-03-08)

STIPULATIONS:

*1- STATEMENT OF BASIS
2- Surface Csg Cont Strip*



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 32 T.8S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 229-1 / 4-6-1993

Field Status

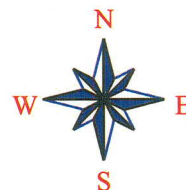
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON
DATE: 14-DECEMBER-2007

Application for Permit to Drill

Statement of Basis

1/8/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
644	43-013-33864-00-00		OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	GILSONITE ST L-32-8-17		Unit	GILSONITE	
Field	MONUMENT BUTTE		Type of Work		
Location	SENE 32 8S 17E S 1934 FNL 753 FEL GPS Coord (UTM) 583317E 4436489N				

Geologic Statement of Basis

Newfield proposes to set ^{400'}~~290'~~ of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 200'. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the center of section 32. This well is approximately one mile from the proposed location and it's depth is not listed. The well is owned by the BLM and it's listed use is for stock watering. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water.

Brad Hill
APD Evaluator

1/8/2008
Date / Time

Surface Statement of Basis

This well is located on an existing pad. There are no proposed changes to the wellsite.

Floyd Bartlett
Onsite Evaluator

1/3/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name GILSONITE ST L-32-8-17
API Number 43-013-33864-0 APD No 644 Field/Unit MONUMENT BUTTE
Location: 1/4,1/4 SENE Sec 32 Tw 8S Rng 17E 1934 FNL 753 FEL
GPS Coord (UTM) Surface Owner

Participants

Regional/Local Setting & Topography

This well is located on an existing pad. There are no proposed changes to the wellsite.

Surface Use Plan

Current Surface Use

New Road

Miles	Well Pad Width	Length	Src Const Material	Surface Formation
-------	-------------------	--------	--------------------	-------------------

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland

Flora / Fauna

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diversion Required

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run?	Paleo Potential Observed?	Cultural Survey Run?	Cultural Resources?
-------------------	---------------------------	----------------------	---------------------

Reserve Pit

Site-Specific Factors

Distance to Groundwater (feet)
Distance to Surface Water (feet)
Dist. Nearest Municipal Well (ft)
Distance to Other Wells (feet)
Native Soil Type
Fluid Type
Drill Cuttings
Annual Precipitation (inches)
Affected Populations
Presence Nearby Utility Conduits

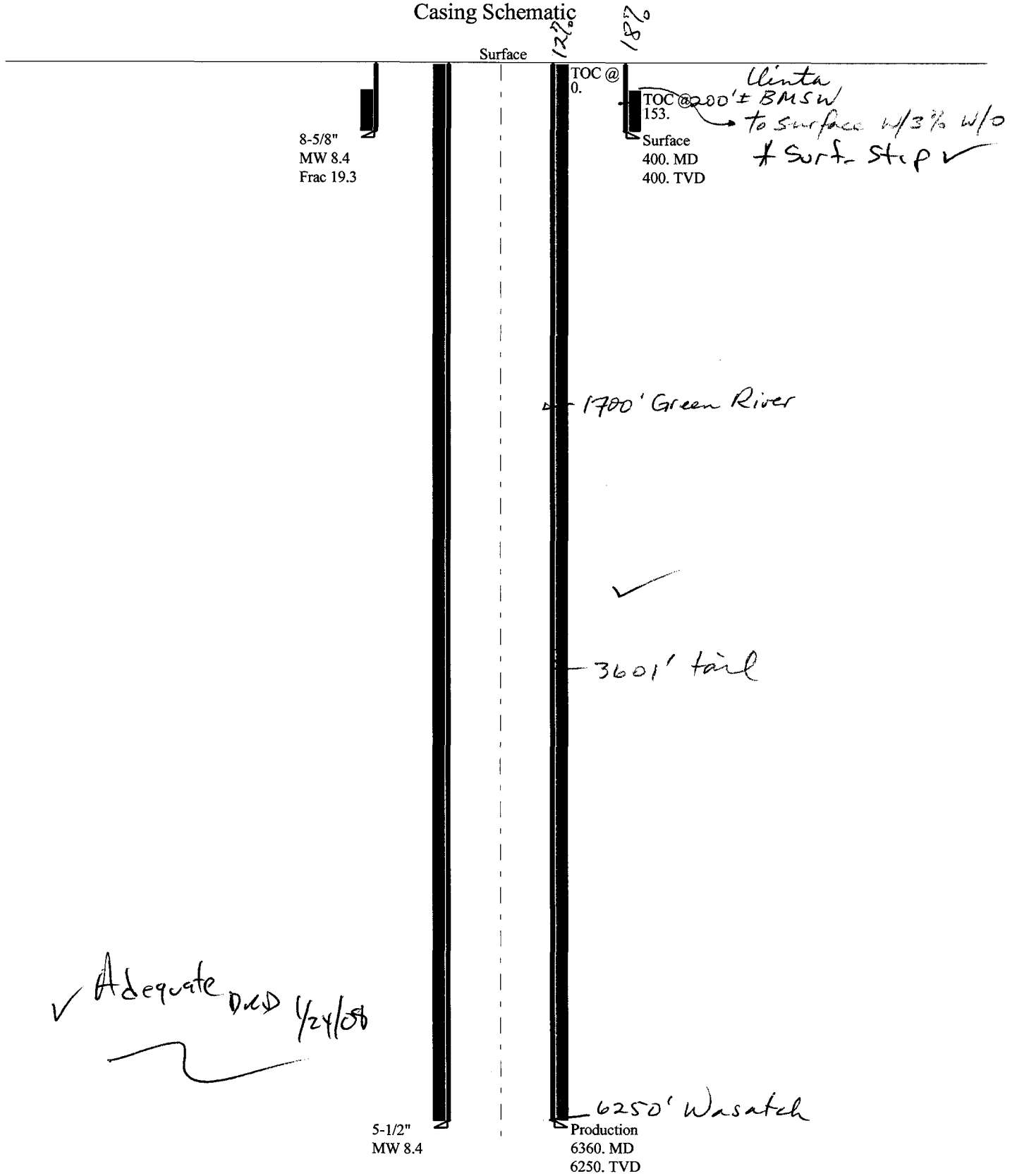
Site Ranking**Final Score****Sensitivity Level****Characteristics / Requirements****Closed Loop Mud Required?****Liner Required?****Liner Thickness****Pit Underlayment Required?****Other Observations / Comments**

Floyd Bartlett
Evaluator

1/3/2008
Date / Time

2008-01 Newfield Gilsonite ST L-32-8-17

Casing Schematic



BOPE REVIEW

Well Name	Newfield Gilsonite ST L-32-8-17 API# 43-013-33864
------------------	---

INPUT	
Well Name	Newfield Gilsonite ST L-32-8-17 API# 43-013-33864
Casing Size (")	String 1 20 String 2 13 3/8 String 3 String 4
Setting Depth (TVD)	400 6250
Previous Shoe Setting Depth (TVD)	0 400 0 0
Max Mud Weight (ppg)	8.4 8.4
BOPE Proposed (psi)	0 2000
Casing Internal Yield (psi)	2950 4810

Calculations	String 1	20 "	
Max BHP [psi]	.052*Setting Depth*MW =	175	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	127	BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	87	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	87	NO
Required Casing/BOPE Test Pressure		400 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		0 psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	13 3/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	2730	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1980	BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1355	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1443	NO
Required Casing/BOPE Test Pressure		2000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		400 psi	*Assumes 1psi/ft frac gradient

Well name:	2008-01 Newfield Gilsonite ST L-32-8-17	
Operator:	Newfield Production Company	Project ID:
String type:	Surface	43-013-33864
Location:	Duchesne County	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 81 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 290 ft

Cement top: 153 ft

Burst

Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 349 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 6,250 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,727 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	143

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	174	1370	7.853	400	2950	7.38	8	244	29.10 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: January 11, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2008-01 Newfield Gilsonite ST L-32-8-17	
Operator:	Newfield Production Company	Project ID:
String type:	Production	43-013-33864
Location:	Duchesne County	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 162 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,352 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,727 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Directional well information:

Kick-off point 600 ft
Departure at shoe: 1096 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 11.78 °

Tension is based on buoyed weight.
Neutral point: 5,549 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6360	5.5	15.50	J-55	LT&C	6250	6360	4.825	850

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2727	4040	1.481	2727	4810	1.76	85	217	2.57 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: January 11, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6250 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.



43-013-33864

December 17, 2007

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Gilsonite State #L-32-8-17
Gilsonite Unit
Surface Hole: T8S R17E, Section 32: SE/4NE/4
1934' FNL 753' FEL
Bottom Hole: T8S R17E, Section 32: SE/4NE/4
2643' FNL 1322' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated November 26, 2007, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Gilsonite Unit. Newfield certifies that it is the Gilsonite Unit Operator and all lands within 460 feet of the entire directional well bore are within the Gilsonite Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

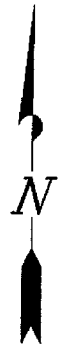
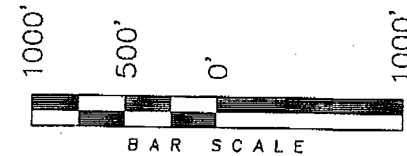
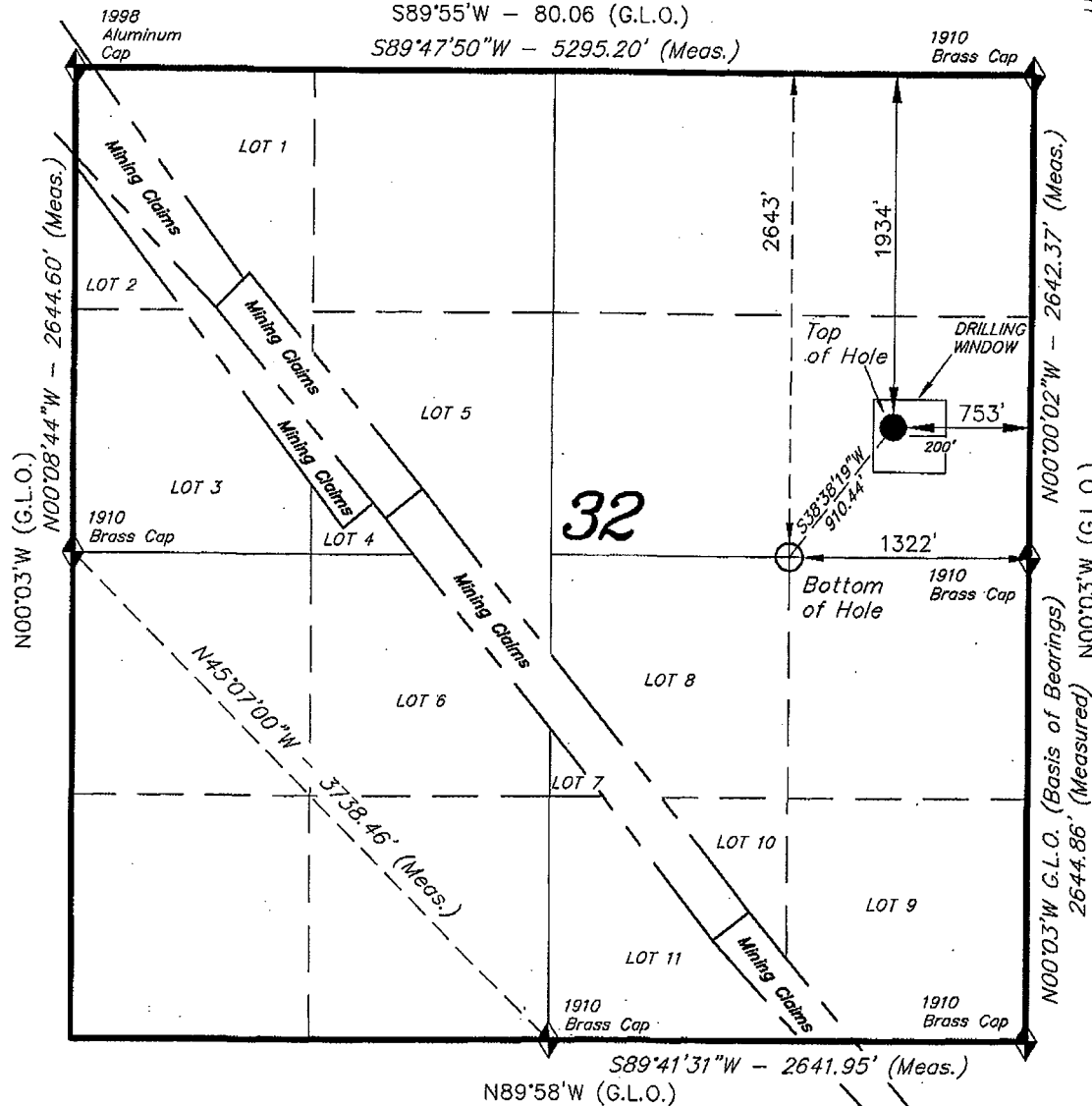
DEC 20 2007

DIV. OF OIL, GAS & MINING

T8S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

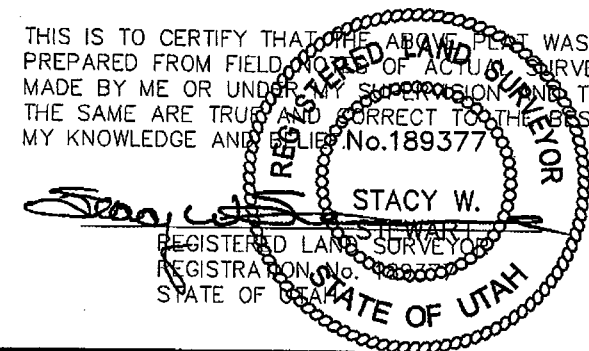
WELL LOCATION, GILSONITE L-32-8-17,
LOCATED AS SHOWN IN THE SE 1/4 NE
1/4 OF SECTION 32, T8S, R17E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



**WELL LOCATION:
GILSONITE L-32-8-17**

ELEV. EXIST. GRADED GROUND = 5165'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 09-07-07	SURVEYED BY: R.R.
DATE DRAWN: 10-24-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

GILSONITE L-32-8-17
(Surface Location) NAD 83
LATITUDE = 40° 04' 34.93"
LONGITUDE = 110° 01' 25.13"

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN		5. LEASE DESIGNATION AND SERIAL NO. ML-22060	
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
1b. TYPE OF WELL		7. UNIT AGREEMENT NAME Gilsonite	
OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. FARM OR LEASE NAME Gilsonite	
2. NAME OF OPERATOR Newfield Production Company		9. WELL NO. Gilsonite State #L-32-8-17	
3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721		10. FIELD AND POOL OR WILDCAT Monument Butte	
4. LOCATION OF WELL (FOOTAGE) At Surface SE/NE 1934' FNL 753' FEL At proposed Producing Zone SE/NE 2643' FNL 1322' FEL		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/NE Sec. 32, T8S, R17E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 11.8 miles southeast of Myton, UT		12. County 13. STATE Duchesne UT	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) Approx. 1322' f/lse line and 1322' f/unit line	16. NO. OF ACRES IN LEASE 598.67	17. NO. OF ACRES ASSIGNED TO THIS WELL 20	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approximately 1304' (Down Hole)	19. PROPOSED DEPTH 6250'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5165' GL		22. APPROX. DATE WORK WILL START* 1st Quarter 2008	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl₂ & 1/4#/sk Cello-flake
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H₂O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H₂O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 gal/sk

24. Name & Signature *Mandie Crozier* Title: Regulatory Specialist Date: 11/26/2007
Mandie Crozier

(This space for State use only)

API Number Assigned: _____

APPROVAL: _____

RECEIVED

DEC 20 2007

DIV. OF OIL, GAS & MINING

*See Instructions On Reverse Side

Helen Sadik-Macdonald - Newfield wells

From: "Hans Wychgram"
To:
Date: 01/09/2008 3:52 PM
Subject: Newfield wells
CC: "Brad Mecham" , "Mandie Crozier"

Helen,

As per our conversation this afternoon, Newfield agrees to set 400' of surface casing on the following wells:

State 3-16-9-16

State 4-16-9-16

State 5-16-9-16

State 6-16-9-16

State 11-16-9-16

State 12-16-9-16

State 13-16-9-16

State 16-16-9-16

Gilsonite L-32-8-17

Monument Butte F-36-8-16

Also, we discussed setting 300' of 20" conductor casing on the following deep gas wells:

Beluga 16T-5-9-17

Monument Butte 4-36T-8-16

Thanks,

Hans Wychgram

From: Ed Bonner
To: Mason, Diana
Date: 4/17/2008 2:55 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Jarvis, Dan; Sweet, Jean
The following wells have been given cultural resources clearance by the Trust Lands Administration:

Elk Resources, Inc
Ouray Valley State 36-11-5-19 (API 43 047 39641)

Gasco Production Company
State 42-32-9-19 (API 43 047 39795)
Wilkin Ridge State 43-36-10-17 (API 43 047 39796)

National Fuel Corporation
NFC Lindisfarne State 13-35 (API 43 047 39853)

Newfield Production Company
Monument Butte State F-36-8-16 (API 43 013 33862)
Gilsonte State L-32-8-17 (API 43 013 33864)
Beluga State 5-16T-9-17 (API 43 043 33865)

Parallel Petroleum Corporation
Tully State 15-13-5-22 (API 43 047 39310)

If you have any questions regarding this matter please give me a call.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 24, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Gilsonite State L-32-8-17 Well, 1934' FNL, 753' FEL, SE NE, Sec. 32, T. 8 South,
R. 17 East, Bottom Location 2643' FNL, 1322' FEL, SE NE, Sec. 32, T. 8 South,
R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33864.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Gilsonite State L-32-8-17
API Number: 43-013-33864
Lease: ML-22060

Location: SE NE **Sec.** 32 **T.** 8 South **R.** 17 East
Bottom Location: SE NE **Sec.** 32 **T.** 8 South **R.** 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
7. Surface casing shall be cemented to the surface.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: GILSONITE ST L-32-8-17

Api No: 43-013-33864 Lease Type: STATE

Section 32 Township 08S Range 17E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

SPUDDED:

Date 07/14/08

Time 8:00 AM

How DRY

Drilling will Commence: _____

Reported by SEAN STEVENS

Telephone # (435) 832-1162

Date 07/14/08 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	14844 ✓	4304736025	FEDERAL 14-33-8-18	SESW	33	8S	18E	UINTAH	7/10/2008	7/31/08
WELL 1 COMMENTS: GRRV											
B	99999	10835 ✓	4301333862	MONUMENT BUTTE STATE F-36-8-16	NWNW	36	8S	16E	DUCHESNE	7/11/2008	7/31/08
GRRV BHL = NWNW											
A	99999	16990	4304739397	FEDERAL 11-19-9-18	NESW	19	9S	18E	UINTAH	7/8/2008	7/31/08
GRRV											
B	99999	11486 ✓	4301333864	GILSONITE STATE L-32-8-17	SENE	32	8S	17E	DUCHESNE	7/14/2008	7/31/08
GRRV BHL = NWSE											
A	99999	16991	4304739395	FEDERAL 6-19-9-18	SESW	19	9S	18E	UINTAH	7/14/2008	7/31/08
WELL 5 COMMENTS: GRRV											
A	99999	16992	4301333851	STATE 11-16-9-16	NESW	16	9S	16E	DUCHESNE	7/16/2008	7/31/08
WELL 5 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

JUL 16 2008

DIV. OF OIL, GAS & MINING

Signature

Production Clerk

Jentri Park

07/16/08

Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-22060

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GILSONITE UNIT

8. WELL NAME and NUMBER:
GILSONITE L-32-8-17

9. API NUMBER:
4301333864

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

1. TYPE OF WELL:
OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1934 FNL 753 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENE, 32, T8S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Spud Notice
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/16/2008			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 7-14-08 MIRU Ross # 21. Drill 420' of 12 1/4" hole with air mist. TIH W/ 9 Jt's 8 5/8" J-55 24 # csgn. Set @ 413.49' KB On 7-16-08 cement with 220 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 8 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Ray Herrera

TITLE Drilling Foreman

SIGNATURE

DATE 07/16/2008

(This space for State use only)

RECEIVED
JUL 21 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-22060

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GILSONITE UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: GILSONITE L-32-8-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1934 FNL 753 FEL		9. API NUMBER: 4301333864
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENE, 32, T8S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/01/2008			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 7/22/08 MIRU Patterson Rig # 52. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 369'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6358'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 149 jt's of 5.5 J-55, 15.5# csgn. Set @ 6266.70/ KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 475sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 55 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 98,000 #'s tension. Release rig @ 1:30 am 8/1/08.

NAME (PLEASE PRINT) Don Bastian

TITLE Drilling Foreman

SIGNATURE

DATE 08/01/2008

(This space for State use only)

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DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6266.7

LAST CASING 8 5/8" Set @ 413.49'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6260 TD loggers 6258'
 HOLE SIZE 7 7/8"

Flt clr @ 6238.42'

OPERATOR Newfield Production Company
 WELL Gilsonite State L-32-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Patterson # 52

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt					14	
		Short jt 5.05' @ 4182'						
149	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6227.95	
							0.6	
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	25.5	
		GUIDE shoe			8rd	A	0.65	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				6268.70
TOTAL LENGTH OF STRING		6268.70	150	LESS CUT OFF PIECE				14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		505.43	12	CASING SET DEPTH				6266.7
TOTAL		6758.88	162	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		6758.88	162					
TIMING		1ST STAGE	2nd STAGE					
BEGIN RUN CSG.		8:30 AM	7/31/2008	GOOD CIRC THRU JOB		Yes		
CSG. IN HOLE		5:00 PM	7/31/2008	Bbls CMT CIRC to surface		55		
BEGIN CIRC		5:30 PM	7/31/2008	RECIPROCATED PIPE FOR		THRUSTROKE		
BEGIN PUMP CMT		7:04 PM	7/31/2008	DID BACK PRES. VALVE HOLD ?		Yes		
BEGIN DSPL. CMT		8:03 PM	7/31/2008	BUMPED PLUG TO		1700	PSI	
PLUG DOWN		8:28 PM	7/31/2008					
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	350	Premlite II w/ + 3 % KCL, 5#'s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF						
		mixed @ 11.0 ppg W / 3.49 cf/sk yield						
2	475	50/50:2 W/ 2% Gel + 3% KCL,.5%EC1,1/4# skC.F.2%SF+.3% SMS+FP-6L mixed @14.4 ppgW/ 1.24YLD						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Don Bastian

DATE 7/31/2008

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AUG 04 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTAH STATE ML-22060
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GILSONITE UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1934 FNL 753 FEL SENE Section 32 T8S R17E		8. Well Name and No. GILSONITE L-32-8-17
		9. API Well No. 4301333864
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above subject well was completed on 08-25-08 attached is a daily completion status report.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jentri Park		Title Production Clerk
Signature		Date 09/19/2008
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by		Title
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Date
		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

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SEP 23 2008

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

GILSONITE L-32-8-17

6/1/2008 To 10/30/2008

8/12/2008 Day: 1

Completion

Rigless on 8/11/2008 - nstall 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6142' & cement top @ 66'. Perforate stage #1. BSL sds @ 6092- 6100' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. 149 BWTR. SIFN.

8/16/2008 Day: 2

Completion

Rigless on 8/15/2008 - Day 2 Stage #2, BSL sands. RU BJ Services. 11 psi on well. Frac BSL sds w/ 25,068#'s of 20/40 sand in 347 bbls of Lightning 17 fluid. Broke @ 3367 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3070 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. Screened out 55 bbls short of flush. 14,476#'s in perf's, Left 10,592#'s in csg. ISIP 4073 psi. Begin immediate flowback. Flowed for 3 1/2 Hrs w/ no choke. Rec 95 BTF. SIWFN BWTR.

8/19/2008 Day: 3

Completion

Western #4 on 8/18/2008 - MIRUSU. Open well w/ 75 psi on casing. Tally, pickup & TIH w/ NC, new J-55, 2-7/8", 6.5# tbg off trailer. Tag sand @ 5381'. RU pump & tanks. Circulate well clean to 6028'. TOO H w/ tbg to leave 91 jts in hole w/ EOT @ 2803'. SIFN.

8/20/2008 Day: 4

Completion

Western #4 on 8/19/2008 - Open well w/ 300 psi on casing. Continue TOO H w/ tbg. RU Lone Wolf WLT & lubricator. RIH w/ Weathrford 5-1/2" (6K) composite flow through frac plug & 8' perf gun. Set plug @ 5991'. Perforate CP4 sds @ 5918-26' w/ 3-1/8" Slick Guns (23 gram, .41" HE, 90°) w/ 4 spf for total of 32 shots. RU BJ Services "Ram Head" frac flange. RU BJ & frac CP4 sds, stage #2 down casing w/ 24,799#'s of 20/40 sand in 370 bbls of Lightning 17 frac fluid. Open well w/ 270 psi on casing. Perfs broke down @ 3045 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2168 w/ ave rate of 23.1 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1713. 771 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8', 10' perf guns. Set plug @ 5850'. Perforate CP1 sds @ 5776-84', 5756-66' w/ 4 spf for total of 72 shots. RU BJ & frac stage #3 w/ 29,814#'s of 20/40 sand in 408 bbls of Lightning 17 frac fluid. Open well w/ 1555 psi on casing. Perfs broke down @ 2095 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1858 w/ ave rate of 23.1 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1818. 1179 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 5450'. Perforate A1 sds @

5334-44' w/ 4 spf for total of 40 shots. SIFN.

8/21/2008 Day: 5

Completion

Western #4 on 8/20/2008 - RU BJ & frac stage #4 w/ 30,049#'s of 20/40 sand in 403 bbls of Lightning 17 frac fluid. Open well w/ 516 psi on casing. Perfs broke down @ 840 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1919 w/ ave rate of 22.9 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2065. 1582 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8' perf guns. Set plug @ 5150'. Perforate C sds @ 5042-72' w/ 4 spf for total of 112 shots in 2 runs. RU BJ & frac stage #5 w/ 71,224#'s of 20/40 sand in 527 bbls of Lightning 17 frac fluid. Open well w/ 914 psi on casing. Perfs broke down @ 1465 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1858 w/ ave rate of 23.1 bpm w/ 8 ppg of sand. BJ "Ram Head" washed out on well head. Tried to repair but didn't work. Tried to displace frac w/ 10 bbls away 4200 psi. 45,910#'s of sand in perfs w/ 6.5# on perfs, 25,333#'s in casing. Flow well back. Well flowed for 3 hours & rec'd 550 bbls w/ 28,000#'s of sand. Replaced head. 2109 bbls EWTR. RU WLT. RIH w/ frac plug & 6' perf guns. Set plug @ 4980'. Perforate D1 sds @ 4882-88' w/ 4 spf for total of 24 shots. RU BJ & frac stage #6 w/ 24,953#'s of 20/40 sand in 352 bbls of Lightning 17 frac fluid. Open well w/ 573 psi on casing. Perfs broke down @ 2993 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 3101 w/ ave rate of 26 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3409. 1911 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 14' perf guns. Set plug @ 4480'. Perforate GB4 sds @ 4372-86' w/ 4 spf for total of 56 shots. RU BJ & frac stage #7 w/ 46,096#'s of 20/40 sand in 421 bbls of Lightning 17 frac fluid. Open well w/ 1387 psi on casing. Perfs broke down @ 1530 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1843 w/ ave rate of 26 bpm w/ 8 ppg of sand. ISIP was 2193. 2332 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 450 bbls rec'd. SIFN.

8/22/2008 Day: 6

Completion

Western #4 on 8/21/2008 - Open well w/ 500 psi on casing. RD Cameron BOP's & frac head. Instal production tbg head & Schaffer BOP's. RU 4-3/4" Chomp mill & x-over sub. TIH w/ tbg to tag sand @ 4360'. RU swivel, pump & tanks. C/O to plug @ 4480'. Drlg out plug #1. TIH w/ tbg to tag plug @ 4980'. Drlg out plug #2. TIH w/ tbg to tag sand @ 5140'. C/O to plug @ 5150'. Drlg out plug #3. TIH w/ tbg to tag sand @ 5435'. C/O to plug @ 5450'. Drlg out plug #4. TIH w/ tbg to tag sand @ 5820'. C/O to plug @ 5850'. Drlg out plug #5. C/O well to 5875'. SIFN.

8/23/2008 Day: 7

Completion

Western #4 on 8/22/2008 - Bleed pressure off well--stays flowing (tr oil). RU & circ well W/ clean wtr. Con't swivelling jts in hole to tag fill @ 5896'. C/O sd to plug @ 5991'. Drill out plug in 20 minutes. Con't swivelling jts in hole. Tag fill @ 6000'. Drill plug remains & sd to 6190'. Stopped making hole (lack 50' f/ FC depth). Circ hole clean. Gained est 50 BW during cleanout. RD swivel. Pull EOT to 6120'. RU swab equipment. IFL @ sfc. Made 14 swb runs rec 145 BTF W/ light gas, tr oil & no sd. FFL @ 1100'. TIH W/ tbg. Tag sd @ 6178' (12' new fill). C/O sd to PBTD @ 6190'. Circ hole clean. Lost est 20 BW & rec tr oil. LD excess tbg. SIFN W/ EOT @ 5881'. Est 1387 BWTR.

8/26/2008 Day: 8**Completion**

Western #4 on 8/25/2008 - Bleed pressure off well--stays flowing. Circ hole W/ clean wtr. TOH W/ tbg & LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 bullpug & collar, 4 jts tbg, 2 7/8 nipple, "collar sized" PBGA, 1 jt, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 185 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP & set TA @ 5696' W/ SN @ 5729' & EOT @ 5892'. Land tbg W/ 16,000# tension. NU wellhead. RU & pump 60 bbls dn tbg (returned same amt). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 3/4" X 19' RHAC pump, 21K shear cplg, 4-1 1/2" weight rods, 225-7/8" scraped rods (grade 78 W/ 8 scrapers/rod), 2-6' & 2-2' X 7/8" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump W/ unit to 800 psi. Good pump action. RDMOSU. Est 1387 BWTR. Place well on production @ 6:00 PM 8/25/2008 W/ 122" SL @ 5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 1934' FNL & 753' FEL (SE/NE) Sec. 32, T8S, R17E

At top prod. Interval reported below

At total depth

2587 fnl 1400 fel

14. APIN.

43-013-33864

DATE ISSUED

4/24/08

15. DATE SPUDDED

7/14/08

16. DATE T.D. REACHED

7/30/08

17. DATE COMPL. (Ready to prod.)

8/25/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5165' GL

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

20. TOTAL DEPTH, MD & TVD

6258 per oper
6165' 6116'

21. PLUG BACK T.D., MD & TVD

6190' 6098'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4372-6100'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	413'	12-1/4"	To surface with 220 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6267'	7-7/8"	350 sx Premlite II and 475 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
				2-7/8"

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
	EOT @ 5892'	TA @ 5696'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(BLS) 6092-6100'	.49"	4/32
(CP4) 5918-5926'	.49"	4/32
(CP1) 5776-84', 5756-66'	.49"	4/72
(A1) 5334-44'	.49"	4/40
(C) 5042-72'	.49"	4/112
(D1) 4882-88'	.49"	4/24
(GB4) 4372-86'	.49"	4/56

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6092-6100'	Frac w/ 25068# 20/40 sand in 347 bbls fluid
5918-5926'	Frac w/ 24799# 20/40 sand in 370 bbls fluid
5756-5784'	Frac w/ 29814# 20/40 sand in 408 bbls fluid
5334-5344'	Frac w/ 30049# 20/40 sand in 403 bbls fluid
5042-5072'	Frac w/ 71224# 20/40 sand in 527 bbls fluid
4882-4888'	Frac w/ 24953# 20/40 sand in 352 bbls fluid
4372-4386'	Frac w/ 46096# 20/40 sand in 421 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 8/25/08		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 19' RHAC Pump w/ SM Plunger					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 9/1/08	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 81	GAS--MCF. 36	WATER--BBL. 60	GAS-OIL RATIO 444	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.) <div>RECEIVED</div>		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

SEP 30 2008

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Tammi Lee
Tammi Lee

TITLE Production Clerk

DATE 9/26/2008

*(See Instructions and Spaces for Additional Data on Reverse Side)

DIV. OF OIL, GAS & MINING

TL

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	
38. GEOLOGIC MARKERS	

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Gilsonite State L-32-8-17	Garden Gulch Mkr	3863'	
				Garden Gulch 1	4058'	
				Garden Gulch 2	4174'	
				Point 3 Mkr	4450'	
				X Mkr	4685'	
				Y-Mkr	4722'	
				Douglas Creek Mkr	4850'	
				BiCarbonate Mkr	5098'	
				B Limestone Mkr	5235'	
				Castle Peak	5706'	
				Basal Carbonate	6133'	
				Total Depth (LOGGERS)	6258'	

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 32 E

L-32-8-17

Wellbore #1

Design: SURVEY

Standard Survey Report

01 August, 2008

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 32 E
Well: L-32-8-17
Wellbore: Wellbore #1
Design: SURVEY

Local Co-ordinate Reference: Well L-32-8-17
TVD Reference: L-32-8-17 @ 5177.0ft (PATTERSON 52 KB)
MD Reference: L-32-8-17 @ 5177.0ft (PATTERSON 52 KB)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone	Using geodetic scale factor	

Site SECTION 32 E, SEC 32 T8S, R17E

Site Position:
From: Lat/Long **Northing:** 7,199,243.00ft **Latitude:** 40° 4' 28.149 N
Position Uncertainty: 0.0 ft **Easting:** 2,052,198.00ft **Longitude:** 110° 1' 42.260 W
Slot Radius: " **Grid Convergence:** 0.94 °

Well L-32-8-17, SHL LAT: 40 04' 34.93" LONG: 110 01' 25.13"
Well Position **+N/-S** 0.0 ft **Northing:** 7,199,950.92 ft **Latitude:** 40° 4' 34.930 N
+E/-W 0.0 ft **Easting:** 2,053,518.05 ft **Longitude:** 110° 1' 25.130 W
Position Uncertainty 0.0 ft **Wellhead Elevation:** ft **Ground Level:** 0.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	7/7/2008	11.67	65.91	52,612

Design SURVEY

Audit Notes:

Version: 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.0
Vertical Section: **Depth From (TVD)** **+N/-S** **+E/-W** **Direction**
 (ft) (ft) (ft) (°)
 0.0 0.0 0.0 226.08

Survey Program Date 8/1/2008

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
480.0	6,258.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
480.0	0.30	163.60	480.0	-1.2	0.4	0.6	0.06	0.06	0.00
541.0	1.20	184.40	541.0	-2.0	0.4	1.1	1.52	1.48	34.10
572.0	1.70	190.00	572.0	-2.8	0.2	1.7	1.67	1.61	18.06
603.0	2.20	193.40	603.0	-3.8	0.0	2.6	1.65	1.61	10.97
633.0	2.70	193.40	632.9	-5.1	-0.3	3.7	1.67	1.67	0.00
664.0	3.30	197.80	663.9	-6.6	-0.7	5.1	2.07	1.94	14.19
694.0	3.80	197.80	693.8	-8.4	-1.3	6.7	1.67	1.67	0.00
725.0	4.40	199.20	724.8	-10.5	-2.0	8.7	1.96	1.94	4.52
756.0	4.80	198.99	755.7	-12.8	-2.8	10.9	1.29	1.29	-0.68
786.0	5.00	200.90	785.5	-15.2	-3.7	13.2	0.86	0.67	6.37
817.0	5.40	202.60	816.4	-17.8	-4.7	15.8	1.38	1.29	5.48
848.0	5.40	207.10	847.3	-20.5	-5.9	18.5	1.37	0.00	14.52



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 32 E
Well: L-32-8-17
Wellbore: Wellbore #1
Design: SURVEY

Local Co-ordinate Reference: Well L-32-8-17
TVD Reference: L-32-8-17 @ 5177.0ft (PATTERSON 52 KB)
MD Reference: L-32-8-17 @ 5177.0ft (PATTERSON 52 KB)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
880.0	5.80	213.30	879.1	-23.2	-7.5	21.5	2.26	1.25	19.38
911.0	6.10	217.20	910.0	-25.8	-9.4	24.6	1.62	0.97	12.58
943.0	6.20	218.90	941.8	-28.5	-11.5	28.0	0.65	0.31	5.31
974.0	6.40	222.30	972.6	-31.1	-13.7	31.4	1.37	0.65	10.97
1,006.0	7.00	225.40	1,004.4	-33.8	-16.3	35.2	2.19	1.88	9.69
1,038.0	7.10	229.80	1,036.1	-36.4	-19.2	39.1	1.72	0.31	13.75
1,070.0	7.00	229.70	1,067.9	-39.0	-22.2	43.0	0.31	-0.31	-0.31
1,101.0	7.30	227.00	1,098.6	-41.5	-25.1	46.9	1.45	0.97	-8.71
1,133.0	7.90	226.10	1,130.4	-44.4	-28.1	51.1	1.91	1.88	-2.81
1,165.0	8.20	226.00	1,162.1	-47.5	-31.4	55.6	0.94	0.94	-0.31
1,196.0	8.90	226.20	1,192.7	-50.7	-34.7	60.2	2.26	2.26	0.65
1,228.0	9.40	225.30	1,224.3	-54.3	-38.3	65.3	1.63	1.56	-2.81
1,291.0	11.30	222.60	1,286.3	-62.5	-46.2	76.6	3.11	3.02	-4.29
1,323.0	11.40	223.60	1,317.6	-67.1	-50.5	82.9	0.69	0.31	3.13
1,355.0	11.50	224.50	1,349.0	-71.6	-54.9	89.2	0.64	0.31	2.81
1,386.0	11.70	227.00	1,379.4	-76.0	-59.3	95.4	1.75	0.65	8.06
1,418.0	12.10	228.90	1,410.7	-80.4	-64.2	102.0	1.75	1.25	5.94
1,513.0	12.30	226.50	1,503.5	-93.9	-79.1	122.1	0.57	0.21	-2.53
1,608.0	11.70	225.00	1,596.5	-107.7	-93.2	141.8	0.71	-0.63	-1.58
1,703.0	11.90	222.70	1,689.5	-121.7	-106.7	161.3	0.54	0.21	-2.42
1,798.0	12.00	223.10	1,782.4	-136.1	-120.1	180.9	0.14	0.11	0.42
1,893.0	11.30	225.00	1,875.4	-149.9	-133.4	200.1	0.84	-0.74	2.00
1,989.0	11.50	226.50	1,969.6	-163.1	-147.0	219.0	0.37	0.21	1.56
2,085.0	11.40	226.30	2,063.6	-176.3	-160.8	238.1	0.11	-0.10	-0.21
2,148.0	11.60	226.10	2,125.4	-185.0	-169.9	250.7	0.32	0.32	-0.32
2,244.0	11.90	225.10	2,219.4	-198.6	-183.8	270.2	0.38	0.31	-1.04
2,339.0	12.60	227.50	2,312.2	-212.5	-198.4	290.4	0.91	0.74	2.53
2,434.0	11.50	226.90	2,405.1	-226.0	-213.0	310.2	1.17	-1.16	-0.63
2,529.0	12.50	232.30	2,498.0	-238.8	-228.0	329.9	1.58	1.05	5.68
2,625.0	11.10	230.10	2,592.0	-251.1	-243.3	349.4	1.53	-1.46	-2.29
2,720.0	11.80	227.70	2,685.1	-263.5	-257.5	368.3	0.89	0.74	-2.53
2,815.0	10.20	222.00	2,778.4	-276.3	-270.3	386.4	2.03	-1.68	-6.00
2,910.0	12.00	228.40	2,871.6	-289.1	-283.4	404.6	2.29	1.89	6.74
3,004.0	12.90	227.40	2,963.4	-302.7	-298.4	424.9	0.98	0.96	-1.06
3,099.0	12.30	227.20	3,056.1	-316.7	-313.6	445.6	0.63	-0.63	-0.21
3,194.0	11.60	226.90	3,149.0	-330.1	-328.0	465.3	0.74	-0.74	-0.32
3,291.0	11.80	225.60	3,244.0	-343.7	-342.2	484.9	0.34	0.21	-1.34
3,386.0	11.10	225.90	3,337.1	-356.9	-355.7	503.8	0.74	-0.74	0.32
3,481.0	11.50	224.50	3,430.3	-370.0	-368.9	522.4	0.51	0.42	-1.47
3,576.0	12.60	231.20	3,523.2	-383.2	-383.7	542.2	1.87	1.16	7.05
3,671.0	11.60	230.30	3,616.1	-395.8	-399.1	562.0	1.07	-1.05	-0.95
3,766.0	10.80	228.30	3,709.3	-407.9	-413.1	580.4	0.94	-0.84	-2.11
3,861.0	11.40	226.90	3,802.5	-420.2	-426.6	598.7	0.69	0.63	-1.47
3,956.0	12.10	226.40	3,895.5	-433.5	-440.6	618.1	0.74	0.74	-0.53
4,051.0	11.50	227.10	3,988.5	-446.8	-454.8	637.5	0.65	-0.63	0.74
4,147.0	12.00	230.40	4,082.5	-459.7	-469.5	657.0	0.87	0.52	3.44
4,242.0	12.50	221.10	4,175.3	-473.7	-483.9	677.1	2.14	0.53	-9.79
4,337.0	11.30	220.80	4,268.3	-488.5	-496.7	696.6	1.26	-1.26	-0.32
4,430.0	12.70	221.00	4,359.2	-503.1	-509.4	715.9	1.51	1.51	0.22
4,525.0	12.10	221.20	4,452.0	-518.5	-522.8	736.2	0.63	-0.63	0.21
4,619.0	10.50	222.10	4,544.2	-532.3	-535.0	754.6	1.71	-1.70	0.96
4,714.0	11.60	223.40	4,637.4	-545.6	-547.4	772.7	1.19	1.16	1.37
4,810.0	10.70	226.40	4,731.6	-558.8	-560.5	791.3	1.12	-0.94	3.13
4,905.0	9.90	229.30	4,825.1	-570.2	-573.0	808.3	1.00	-0.84	3.05



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 32 E
Well: L-32-8-17
Wellbore: Wellbore #1
Design: SURVEY

Local Co-ordinate Reference: Well L-32-8-17
TVD Reference: L-32-8-17 @ 5177.0ft (PATTERSON 52 KB)
MD Reference: L-32-8-17 @ 5177.0ft (PATTERSON 52 KB)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.0	10.50	227.30	4,918.6	-581.4	-585.6	825.1	0.73	0.63	-2.11
5,095.0	10.00	228.50	5,012.1	-592.7	-598.1	842.0	0.57	-0.53	1.26
5,190.0	9.10	232.20	5,105.8	-602.8	-610.2	857.7	1.15	-0.95	3.89
5,285.0	8.40	238.00	5,199.7	-611.1	-622.1	871.9	1.18	-0.74	6.11
5,381.0	7.60	239.10	5,294.7	-618.0	-633.5	885.0	0.85	-0.83	1.15
5,388.1	7.58	239.47	5,301.7	-618.5	-634.3	885.9	0.76	-0.34	5.17
L-32-8-17 TGT									
5,476.0	7.30	244.20	5,388.9	-623.9	-644.3	896.8	0.76	-0.31	5.38
5,571.0	6.70	246.80	5,483.2	-628.7	-654.8	907.8	0.71	-0.63	2.74
5,667.0	6.80	246.50	5,578.6	-633.2	-665.2	918.3	0.11	0.10	-0.31
5,762.0	6.30	250.40	5,672.9	-637.2	-675.2	928.3	0.70	-0.53	4.11
5,857.0	6.00	251.10	5,767.4	-640.5	-684.8	937.6	0.33	-0.32	0.74
5,952.0	6.00	251.10	5,861.9	-643.7	-694.2	946.6	0.00	0.00	0.00
6,047.0	6.50	252.20	5,956.3	-647.0	-704.1	955.9	0.54	0.53	1.16
6,142.0	6.80	254.30	6,050.7	-650.2	-714.6	965.7	0.41	0.32	2.21
6,208.0	6.40	256.70	6,116.2	-652.1	-721.9	972.3	0.74	-0.61	3.64
6,258.0	6.40	256.70	6,165.9	-653.3	-727.3	977.1	0.00	0.00	0.00

projection to bit

Design Targets

Target Name

- hit/miss target
- Shape

Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
0.00	0.00	5,300.0	-623.0	-647.0	7,199,317.38	2,052,881.48	40° 4' 28.773 N	110° 1' 33.453 W

- actual wellpath misses by 13.6ft at 5388.1ft MD (5301.7 TVD, -618.5 N, -634.3 E)
- Circle (radius 75.0)

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
6,258.0	6,165.9	-653.3	-727.3	projection to bit

Checked By: _____ Approved By: _____ Date: _____

H	HEADER	INFORMATION-----															
H	COMPANY	:	NEWFIELD EXPLORATION														
H	FIELD	:	USGS	Myton	SW	(UT)											
H	SITE	:	SECTION	32 E													
H	WELL	:	L-32-8-17														
H	WELLPATH:	Wellbore	#1														
H	DEPTHUNT:	ft															
H	SURVDATE:	8/1/2008															
H	DECLINATION	CORR.															
H	=	10.72 TO	GRIDH-----														
H	WELL	INFORMATION															
H	WELL	EW	MAP	:	2053518												
H	WELL	NS	MAP	:	7199951												
H	DATUM	ELEVN	:	5177													
H	VSECT	ANGLE	:	226.08													
H	VSECT	NORTH	:	0													
H	VSECT	EAST	:	0													
H	-----																
H	SURVEY	TYPE	INFORMATION														
H	480 -		6258	SURVEY	#1	:	MWD										
H	-----																
H	SURVEY	LIST															
MD	INC	AZI	TVD	NS	EW	VS	DLS										
	0	0	0	0	0	0	0	0	0	0	0						
	480	0.3	163.6	480	-1.21	0.35	0.58	0.06									
	541	1.2	184.4	540.99	-2	0.35	1.13	1.52									
	572	1.7	190	571.98	-2.77	0.25	1.75	1.67									
	603	2.2	193.4	602.96	-3.8	0.03	2.62	1.65									
	633	2.7	193.4	632.94	-5.05	-0.27	3.7	1.67									
	664	3.3	197.8	663.89	-6.61	-0.71	5.1	2.07									
	694	3.8	197.8	693.84	-8.38	-1.28	6.73	1.67									
	725	4.4	199.2	724.76	-10.48	-1.98	8.7	1.96									
	756	4.8	198.99	755.66	-12.83	-2.8	10.91	1.29									
	786	5	200.9	785.55	-15.24	-3.67	13.21	0.86									
	817	5.4	202.6	816.42	-17.85	-4.71	15.77	1.38									
	848	5.4	207.1	847.28	-20.49	-5.94	18.49	1.37									

880	5.8	213.3	879.13	-23.18	-7.51	21.49	2.26
911	6.1	217.2	909.96	-25.81	-9.37	24.65	1.62
943	6.2	218.9	941.78	-28.5	-11.48	28.04	0.65
974	6.4	222.3	972.59	-31.09	-13.7	31.43	1.37
1006	7	225.4	1004.37	-33.77	-16.28	35.16	2.19
1038	7.1	229.8	1036.13	-36.42	-19.18	39.08	1.72
1070	7	229.7	1067.89	-38.96	-22.18	43	0.31
1101	7.3	227	1098.65	-41.52	-25.06	46.85	1.45
1133	7.9	226.1	1130.37	-44.43	-28.13	51.09	1.91
1165	8.2	226	1162.05	-47.54	-31.36	55.57	0.94
1196	8.9	226.2	1192.71	-50.74	-34.68	60.18	2.26
1228	9.4	225.3	1224.3	-54.29	-38.33	65.26	1.63
1291	11.3	222.6	1286.27	-62.45	-46.16	76.57	3.11
1323	11.4	223.6	1317.65	-67.05	-50.46	82.86	0.69
1355	11.5	224.5	1349.01	-71.62	-54.88	89.21	0.64
1386	11.7	227	1379.38	-75.96	-59.35	95.44	1.75
1418	12.1	228.9	1410.69	-80.38	-64.25	102.03	1.75
1513	12.3	226.5	1503.54	-93.89	-79.09	122.1	0.57
1608	11.7	225	1596.47	-107.67	-93.24	141.85	0.71
1703	11.9	222.7	1689.46	-121.68	-106.69	161.25	0.54
1798	12	223.1	1782.4	-136.09	-120.08	180.9	0.14
1893	11.3	225	1875.44	-149.88	-133.41	200.06	0.84
1989	11.5	226.5	1969.55	-163.12	-147.01	219.04	0.37
2085	11.4	226.3	2063.64	-176.26	-160.81	238.09	0.11
2148	11.6	226.1	2125.38	-184.95	-169.87	250.65	0.32
2244	11.9	225.1	2219.36	-198.63	-183.84	270.2	0.38
2339	12.6	227.5	2312.2	-212.55	-198.42	290.35	0.91
2434	11.5	226.9	2405.11	-226.02	-212.97	310.18	1.17
2529	12.5	232.3	2498.03	-238.78	-228.02	329.87	1.58
2625	11.1	230.1	2592	-251.06	-243.33	349.42	1.53
2720	11.8	227.7	2685.11	-263.46	-257.53	368.25	0.89
2815	10.2	222	2778.36	-276.25	-270.34	386.35	2.03
2910	12	228.4	2871.59	-289.06	-283.36	404.61	2.29
3004	12.9	227.4	2963.38	-302.65	-298.39	424.87	0.98
3099	12.3	227.2	3056.09	-316.71	-313.62	445.59	0.63
3194	11.6	226.9	3149.03	-330.11	-328.02	465.26	0.74

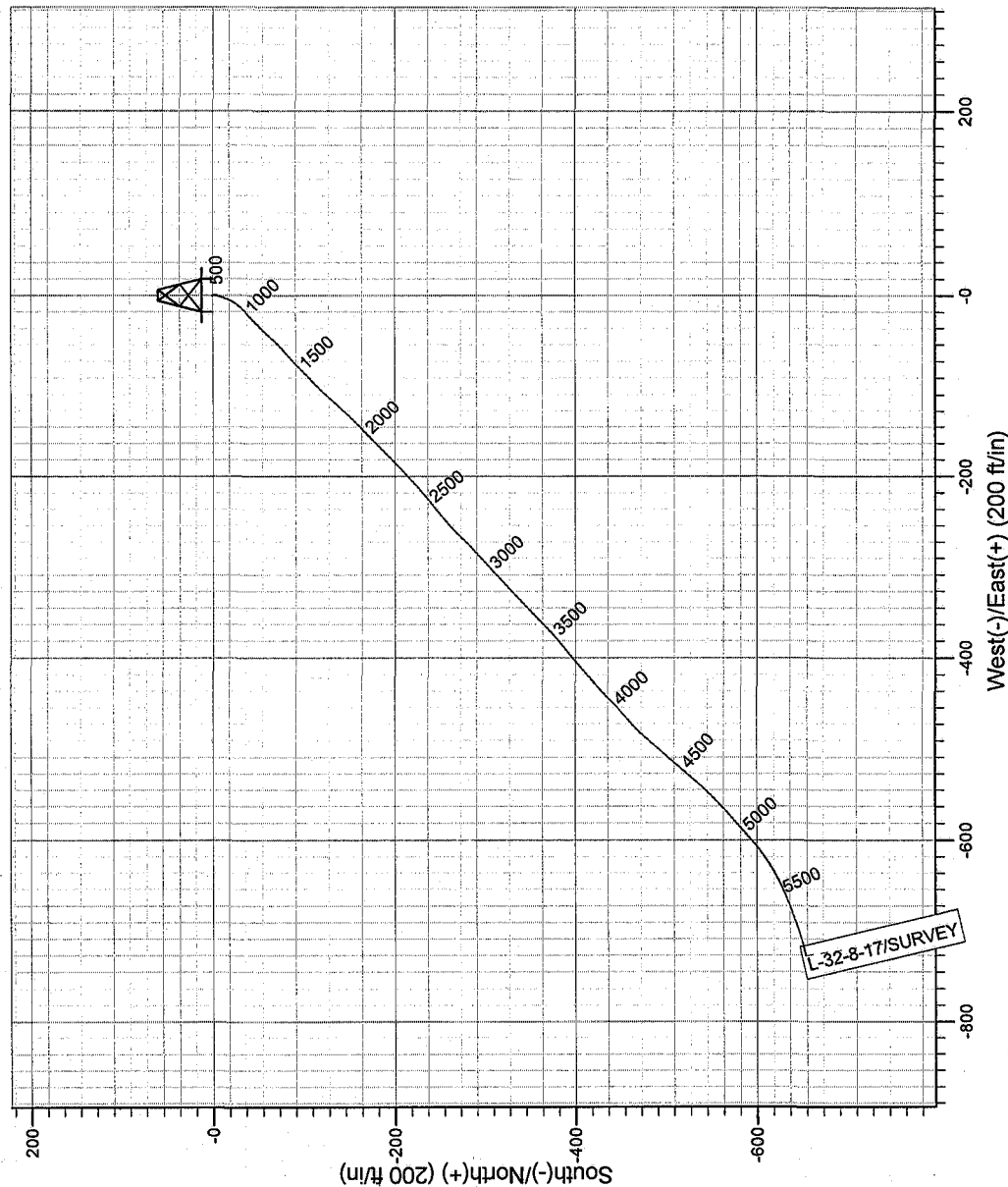
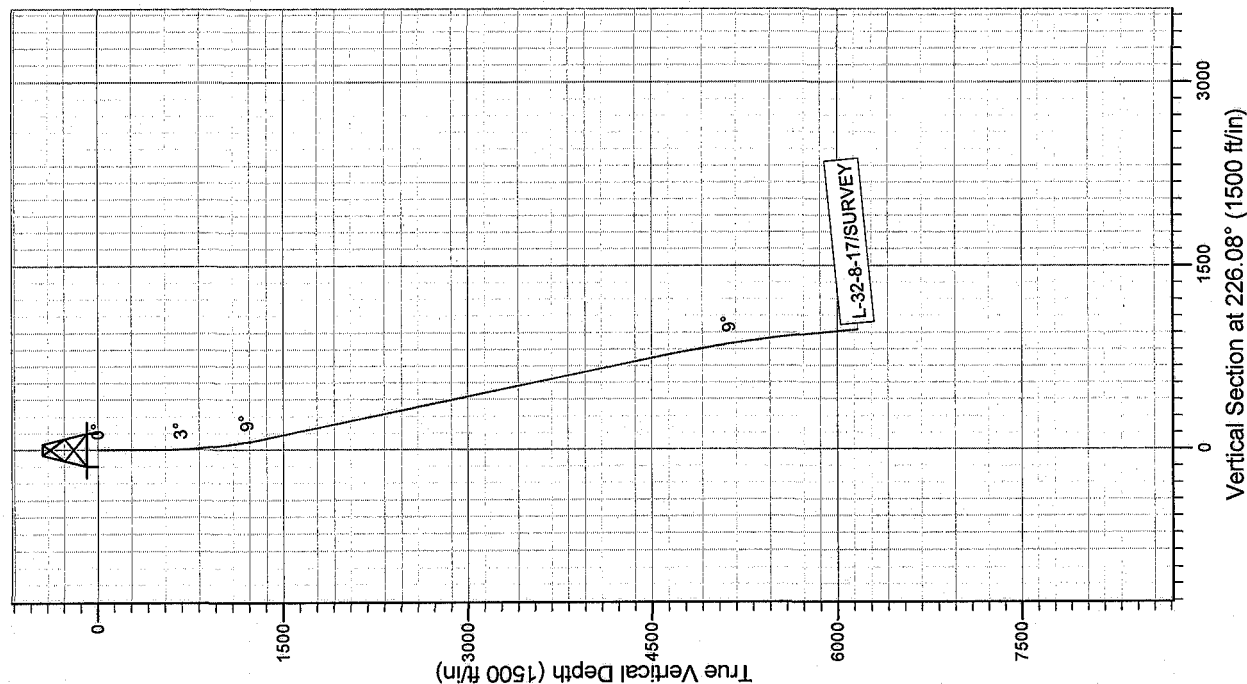
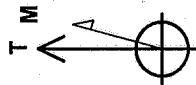
3291	11.8	225.6	3244.01	-343.71	-342.23	484.92	0.34
3386	11.1	225.9	3337.12	-356.87	-355.73	503.78	0.74
3481	11.5	224.5	3430.28	-369.99	-368.94	522.39	0.51
3576	12.6	231.2	3523.19	-383.24	-383.65	542.18	1.87
3671	11.6	230.3	3616.08	-395.83	-399.08	562.03	1.07
3766	10.8	228.3	3709.27	-407.85	-413.07	580.45	0.94
3861	11.4	226.9	3802.49	-420.19	-426.57	598.73	0.69
3956	12.1	226.4	3895.5	-433.47	-440.64	618.07	0.74
4051	11.5	227.1	3988.49	-446.78	-454.79	637.5	0.65
4147	12	230.4	4082.48	-459.66	-469.49	657.02	0.87
4242	12.5	221.1	4175.33	-473.7	-483.86	677.11	2.14
4337	11.3	220.8	4268.28	-488.5	-496.7	696.62	1.26
4430	12.7	221	4359.25	-503.11	-509.36	715.88	1.51
4525	12.1	221.2	4452.03	-518.48	-522.77	736.2	0.63
4619	10.5	222.1	4544.21	-532.25	-535	754.56	1.71
4714	11.6	223.4	4637.45	-545.62	-547.37	772.74	1.19
4810	10.7	226.4	4731.63	-558.77	-560.45	791.29	1.12
4905	9.9	229.3	4825.1	-570.18	-573.03	808.27	1
5000	10.5	227.3	4918.6	-581.38	-585.58	825.08	0.73
5095	10	228.5	5012.08	-592.71	-598.12	841.97	0.57
5190	9.1	232.2	5105.77	-602.78	-610.24	857.68	1.15
5285	8.4	238	5199.66	-611.07	-622.06	871.94	1.18
5381	7.6	239.1	5294.73	-618.04	-633.45	884.99	0.85
5476	7.3	244.2	5388.93	-623.89	-644.28	896.84	0.76
5571	6.7	246.8	5483.22	-628.7	-654.8	907.76	0.71
5667	6.8	246.5	5578.55	-633.18	-665.16	918.33	0.11
5762	6.3	250.4	5672.93	-637.17	-675.23	928.35	0.7
5857	6	251.1	5767.39	-640.53	-684.84	937.6	0.33
5952	6	251.1	5861.87	-643.74	-694.23	946.6	0
6047	6.5	252.2	5956.3	-646.99	-704.05	955.93	0.54
6142	6.8	254.3	6050.66	-650.16	-714.59	965.71	0.41
6208	6.4	256.7	6116.22	-652.06	-721.93	972.32	0.74
6258	6.4	256.7	6165.91	-653.35	-727.35	977.11	0



Project: USGS Myton SW (UT)
Site: SECTION 32 E
Well: L-32-8-17
Wellbore: Wellbore #1
Design: SURVEY

FINAL SURVEY REPORT

Azimuths to True North
Magnetic North: 11.67°
Magnetic Field
Strength: 52611.6snT
Dip Angle: 65.91°
Date: 7/7/2008
Model: IGRF200510



Design: SURVEY (L-32-8-17/Wellbore #1)

Created By: *Jim Hudson* Date: 13:22, August 01 2008
THIS SURVEY IS CORRECT TO THE BEST OF MY
KNOWLEDGE AND IS SUPPORTED BY ACTUAL
FIELD DATA.

HATHAWAY **BURNHAM**
DIRECTIONAL & MWD SERVICES